



HYDROLOGY OF RABBIT CREEK WATERSHEDS

OWYHEE COUNTY, IDAHO, 1968-73

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INTRODUCTION

At the request of the Boise District Office, Bureau of Land Management (BLM), U. S. Department of Interior, a study of the hydrology of two watersheds in the Rabbit Creek drainage was initiated in 1968 by the Northwest Watershed Research Center, Agricultural Research Service (ARS), U. S. Department of Agriculture, Boise, Idaho. The purpose of the study was to obtain information on precipitation, soil water changes, runoff, and sediment yield that characterize these "frail lands" watersheds. The information will be used by the BLM to guide in planning grazing systems and watershed protection programs. This is a final report covering the 5-year period of study, October 1, 1968, through September 30, 1973.

The study watersheds were selected jointly by ARS and BLM personnel in 1968. The area lies East of the Reynolds Creek Experimental Watershed, Figure 1, where ARS has been conducting more extensive watershed research since 1960. Results of Reynolds Creek Watershed studies are summarized in Annual Reports from the Northwest Watershed Research Center.

LOCATION AND DESCRIPTION OF THE AREA

Location

The Rabbit Creek Watersheds are located in T3S, R3W, Boise Meridian, about 7 miles Southwest of Murphy, Idaho. The area adjoins the Reynolds Creek Watershed on the east and is subdivided into two watersheds (Figure 1). The main tributary watershed of Rabbit Creek has an area of 2360 acres and the Little Rabbit Creek watershed has an area of 350 acres. Pictorials of the watersheds are given in Figures 2 and 3.

Figure 1 is a map of the area showing watershed locations, boundaries, and instrumentation sites. Elevations range from 4480 to 6620 ft on watershed 33022007 (2360 a.), and from 4720 to 5740 ft on watershed 33015096 (350 a.). The map locations of instrument sites are referenced to the Federal system of land division by section number. An eight-digit location number is used for each site location, the first two digits designate the watershed number; the third, fourth, and fifth digits designate the section number. The sixth digit designates the type of instrumentation, and the last two digits designate the location within a section (sections are subdivided into 100 squares).

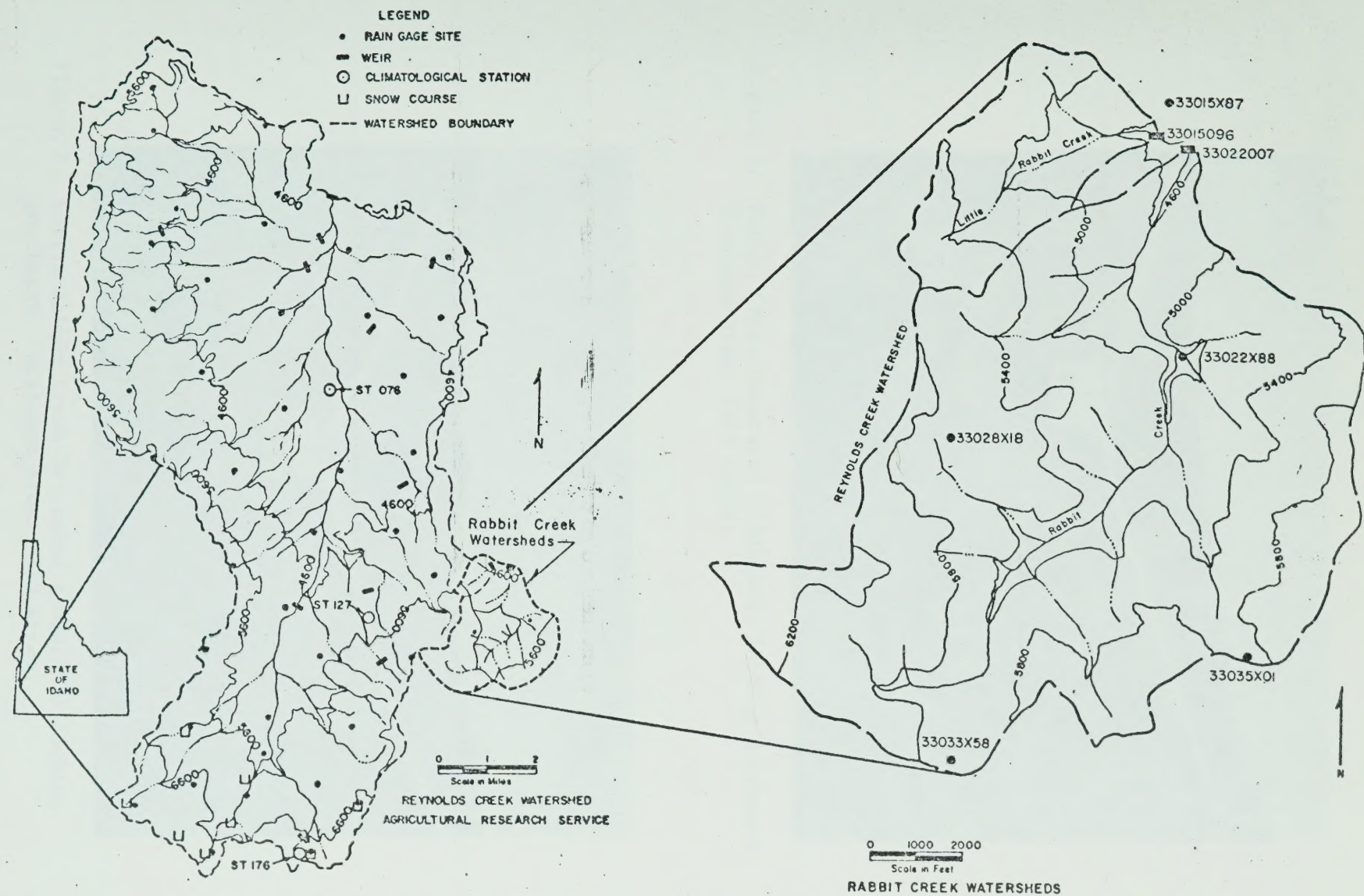


Figure 1. Location Map

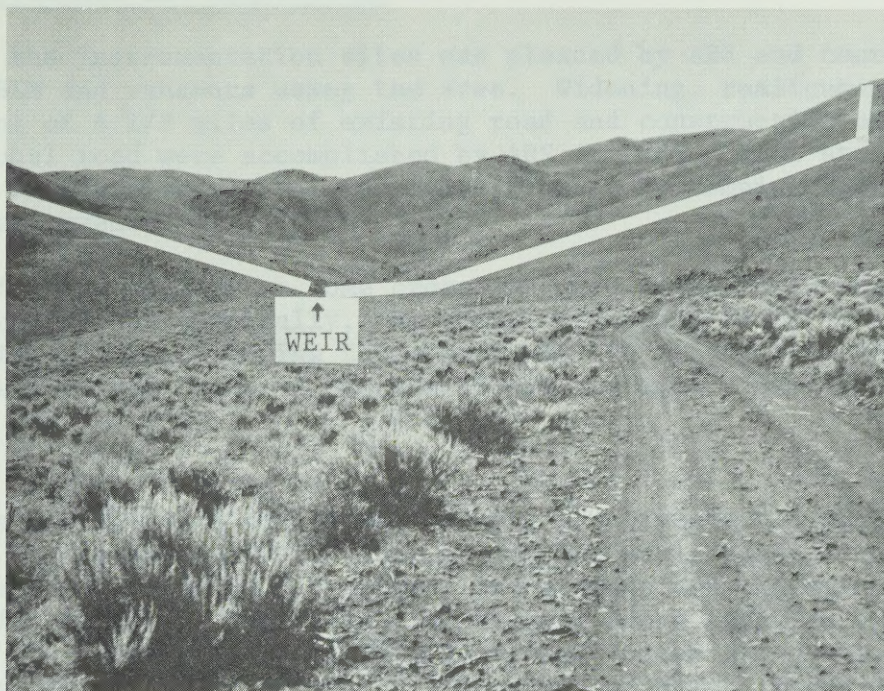


Figure 2. Rabbit Creek Watershed (33015096) looking southward. Drainage Area: 2360 acres.

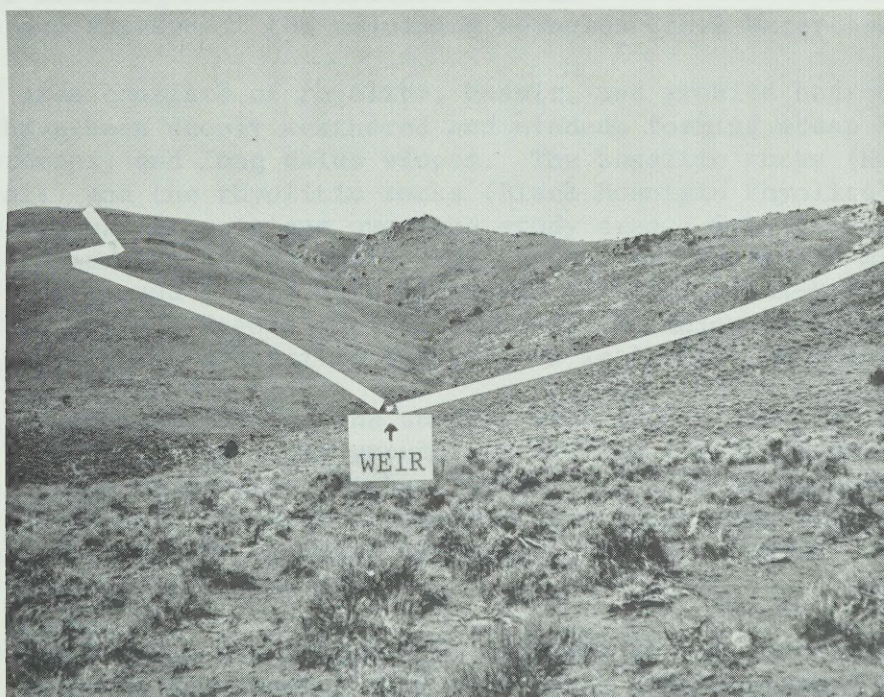


Figure 3. Little Rabbit Creek Watershed (33022007) looking southwest. Drainage Area: 350 acres.

Road Construction and Maintenance

Access to the instrumentation sites was planned by ARS and coordinated with the BLM and ranchers using the area. Widening, realignment, and improvement of 4 1/2 miles of existing road and construction of 3 miles of additional road were accomplished by ARS in 1968. Most stream crossings were protected from excessive erosion by dumping rock and gravel where needed.

Road grading and repairs to some crossings were required in years of highest runoff; but, generally, the roads were passable to 4-wheel drive vehicles, except during the winter when an all-terrain vehicle or snow machine was required because of mud and snow conditions.

Land Use

The watersheds are used almost exclusively for livestock grazing with the major use occurring in the late spring and early summer. Hunters, rock collectors, prospectors, hikers, and campers use the area. Motorized traffic is generally confined to 4-wheel drive vehicles when the roads are dry because of steep grades, eroded stream crossings, and rocky conditions. There are no buildings or permanent fences within the watershed boundaries.

Geology

Geologic information for this report was obtained from observations during the drilling and installation of soil water access tubes and from maps and surveys of the adjoining Reynolds Creek Watersheds (4).

The study area consists of rhyolite, basalt, and granite bedrock, all of which have been deeply weathered and eroded, forming steep slopes, rugged outcrops, and long talus slopes. The basaltic rocks (Hoot Nanny Basalt) and the rhyolitic rocks (Black Mountain Rhyolite) occur in somewhat equal proportions over the study area. Granitic rock covers less than 10 percent of the area. The structural trends are mainly the result of uplift and a fold axis along the Reynolds Creek-Rabbit Creek divide, thus causing deeply incised canyons. No major faulting is evident, but without a detailed survey this is largely speculative.

The infiltration capacity of the shallow rocky soils and rock outcrops are high because of the rough ground surface and the fractured nature of the volcanic and granitic rocks. Subsurface flow moves down the long steep slopes to the stream channels and perpetuates streamflow in the main channel of the large watershed. In late summer the smaller tributary streams are often dry.

A perched water table was found while drilling at site 33035x01, probably caused by development of a clay layer from weathered basalt and by the large amount of water from melting snowdrifts. However, no springs are evident on the slopes and streamflow is visible only in major channels except during snowmelt runoff.

Soils

In general, the soils in the Rabbit Creek Watershed are primarily very shallow gravelly loams, developed on steep slopes often exceeding 20 percent. There are numerous rock outcrops. Four soils associations identified in the Rabbit Creek Watersheds are Celaya, Gabica-Harmehl-Demast, Lickskillet-Bakeoven, and Farrot-Castlevalle. A general description of these associations is given in the following sections; however, all of the characteristics may not occur in the study area. The soils information contained in this report was obtained by watershed personnel working in the area and from a soil survey for Owyhee County, Idaho (1).

The Celaya Association is developed in residium, colluvium, or mixed alluvium on alluvial fans composed of rhyolitic parent material. The slopes are nearly level to fairly steep. These soils occur in areas where deeply incised stream channels are prevalent. The major soils are shallow, moderately deep, deep, and well drained. The surface textures are dominated by extremely stony loam or silt loam, stony loam and loam. The subsoils generally have weak to moderate clay accumulations and are noncalcareous.

The Gabica-Harmehl-Demast Association is developed in basaltic residium and alluvial fans. They occur on slopes, ranging from nearly level to very steep. The major soils are shallow, moderately deep, deep, and well drained. The surface textures are dominated by stony loam and gravelly loam with minor areas of stony loam and clay.

The Lickskillet-Bakeoven Association is developed in basaltic residium on slopes, mesas, and escarpments. The soils are generally very shallow and shallow with a few areas that are moderately deep. These soils are well to excessively well drained.

The Farrot-Castlevalle Association is developed in granitic residium with some areas in mixed alluvium on alluvial fans. They occur on steep to very steep slopes. The soils are very shallow, shallow, and moderately deep and well-drained. The surface textures of the major soils are dominated by coarse, sandy loam and extremely stony, coarse, sandy loam with rockland scattered throughout the unit. The underlying material is granitic bedrock.

A summary of the descriptive information for the soil associations is given in Table 1. The land area of each association in the two watersheds is given in Table 2.

TABLE 1.—Rabbit Creek soil information^{1/}

Soil Association	Soil Series	Subgroup	Family	Surface Texture	Subsoil Texture	Depth to bedrock (Inches)	Underlying geologic material (between 40-96")	Slope %	Available water holding capacity in top 48 in.	Hydrologic Group
<u>Celaya Association</u>	Soil No.480a Celaya Assn.	Argiudic Cumuli Cryoborolls	Loamy-Skeletal, mixed	gravelly loam	gravelly clay loam	20-40	rhyolitic bedrock	0-12	4.5-6	B
	Soil No.480b Celaya Assn.	Argiudic Cumuli Cryoborolls	Loamy-skeletal, mixed	gravelly loam	gravelly clay loam	20-40	rhyolitic bedrock	20+	4.5-6	B
	Celaya ^{2/}	Boralfic Cryoborolls	Fine-loamy, mixed	stony to very stony loam	stony clay loam or loam	40+	rhyolitic bedrock	0-20+	6+	B
<u>Gabica-Harmehl-Demast</u>	Gabica ^{2/}	Lithic Argixerolls	Loamy-skeletal, mixed, frigid	very stony loam	very stony clay loam	10-20	basaltic bedrock	20+	3-	B
	Harmehl ^{2/}	Argic Pachic Cryoborolls	Fine-loamy, mixed	gravelly or stony loam	gravelly or cobbly clay loam	20-40	basaltic bedrock	0-20+	4.5-6	B
	Demast ^{2/}	Argic Pachic Cryoborolls	Fine-loamy, mixed	gravelly loam	gravelly clay loam	58-96	basaltic bedrock	20+	6+	B
<u>Licksillet-Bakeoven</u>	Licksillet	Aridic Lithic Haploxerolls	Loamy-skeletal, mixed, mesic	stony loam	gravelly clay loam	10-20	basaltic bedrock	4-20+	3-	B
	Bakeoven	Aridic Lithic Haploxerolls	Loamy-Skeletal, mixed, mesic	very gravelly loam	very gravelly loam	10-20	basalt bedrock	0-20+	3-	B
<u>Farrot-Castlevale</u>	Farrot ^{2/}	Calcic Argixerolls	Fine-loamy, mixed, mesic	coarse sandy loam	coarse sandy loam	20-40	granitic bedrock	20+	4.5-6	A
	Castlevale	Lithic Xerollic Haplargids	Loamy, mixed, mesic	extremely stony sandy loam	very gravelly loamy coarse sand	10-20	sandstone bedrock	0-20+	3-	C

^{1/} Obtained from Reference 1.^{2/} Tentative Series Designation^{3/} For definition of the classification see Reference 6.

TABLE 2.--Land area of the soil associations

Soil Association	Watershed 33015096		Watershed 33022007	
	Percent	Acres	Percent	Acres
Celaya			38	897
Gabica-Harmehl-Demast			49	1156
Lickskillet-Bakeoven			2	47
Farrot-Castlevalle	100	350	11	260

Vegetation

Big sagebrush (*Artemisia tridentata*) and little sagebrush (*Artemisia arbuscula*) are the dominant species on the watersheds, but the patterns of occurrence with other plants are complex and primarily related to the topography. Big sagebrush occurs on all aspects and slopes but is most common on moderate to steep north and east facing slopes and where soils are moderate-to-well drained. Little sagebrush occurs most commonly on moderate sloping west and south facing sites with poorly drained soils. The areas where little sagebrush grows are subject to high winds during the winter and snow accumulation is limited because of the low cover and because of south or western exposures where differential melting occurs.

Superimposed on the sagebrush dominated landscape is the discontinuous pattern of plant associations. The plant associations found most frequently on the soil series of Rabbit Creek are given in Table 3.

No detailed cover measurements were made on the watersheds; however, the Gabica-Harmehl-Demast Association, for example, has relatively large amounts of rock pavement and bare ground. The vegetative cover on the watersheds varies widely and is often less than 25 percent.

TABLE 3.--Plant Associations found in conjunction with soil series on Rabbit Creek.

Soil Association	Soil Series	Natural Vegetation ^{1/} Association
Celaya	Celaya	ARTRV-FEID-POSE-PONE
	Unnamed Series 480b	ARTRV-FEID-POSE-PONE
Gabica-Harmehl - Demast	Gabica	ARAR-FEID-AGSP
	Harmehl	ARTRV-FEID
	Demast	ARTRV-FEID-POSE
Lickskillet-Bakeoven	Bakeoven	ARTR-AGSP-POSE
Farrot-Castlevalle	Castlevalle	ARTR-AGSP-POSE
	Farrot	ARTR-AGSP-POSE

1/ Definitions of Abbreviations:

ARTR - Artemisia tridentata
 ARTRV - Artemisia tridentata (variety vaseyana)
 FEID - Festuca idahoensis
 POSE - Poa secunda
 PONE - Poa nervosa
 AGSP - Agropyron spicatum
 ARAR - Artemisia arbuscula

Erosion Condition

Erosion condition classes for the major soil associations were determined from the Soil Surface Factor rating system used by the BLM. The locations of the survey sites are shown in Figure 4. The erosion condition class for the soil association and soil series, where observations were made, is given in Table 4. No evidence of severe erosion was apparent at the time of the survey. In general, soils occurring on the steeper slopes fall into the slight erosion class, while soils on the gentle slopes fall into the stable class. The relative amount of rock pavement compared to bare ground is high on Rabbit Creek soils, thus reducing the opportunity for erosion to occur. Another reason so little erosion was evident was because of the moderate to high water intake rate of the soils. Because of long, steep slopes, erosion could occur during high intensity storms.

TABLE 4.--Erosion condition class for soils on the Rabbit Creek Watersheds

Observation Site No. ^{1/}	Soil Association	Soil Series	Erosion Condition Class
1 and 2	Celaya	Celaya	Stable
4 and 6	Celaya	Unnamed Series 480b	Slight
7	Gabica-Harmehl-Demast	Gabica	Slight
8 and 9	Gabica-Harmehl-Demast	Demast	Stable
3 and 5	Gabica-Harmehl-Demast	Harmehl	Slight
10	Lickskillet-Bakeoven	Bakeoven	Stable
11	Farrot-Castlevalle	Castlevalle (Gently sloping)	Stable
13	Farrot-Castlevalle	Castlevalle (Steep slope)	Slight
12	Farrot-Castlevalle	Farrot	Stable

^{1/} Site numbers are identified on the map, Figure 4.

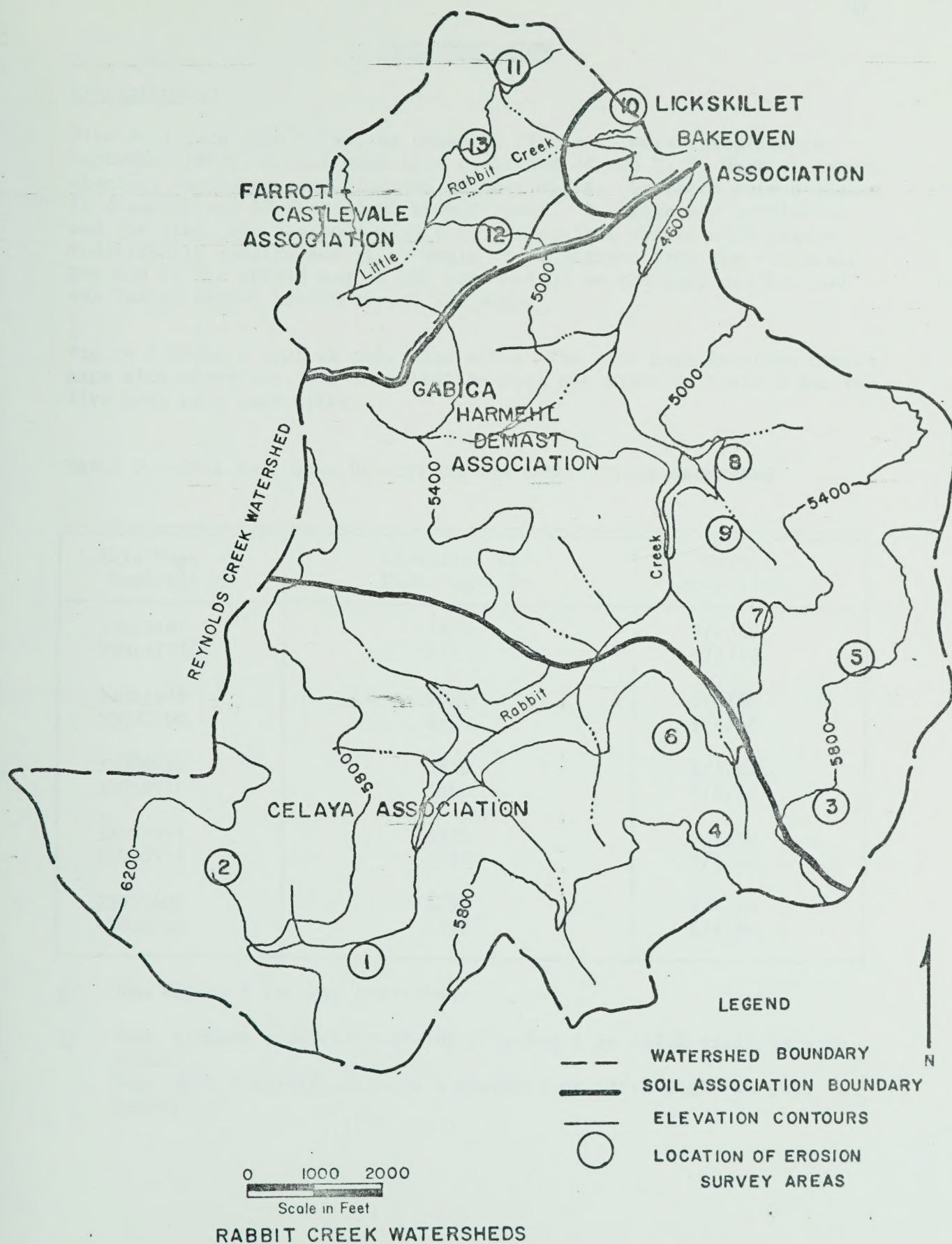


Figure 4. Location of Erosion Survey Areas

INSTRUMENTATION

Precipitation

Five dual rain gage sites, as shown in Figure 1, were installed in September 1968. A dual gage site consisted of two U. S. Weather Bureau standard recording gages located 20 feet apart. Orifices were 8 inches in diameter and 10 feet above ground level. One gage was unshielded and the other was equipped with a modified Alter shield with leaves individually constrained at an angle of 30 degrees from the vertical. The top of the shield was at the same height as the gage orifice and the leaves sloped inward toward the gage.

Figure 5 shows a typical rain gage site. The rain gage location number, gage site elevation, and installation date are shown in Table 5 for the five dual rain gage sites.

TABLE 5.--Dual Rain Gage Network in the Rabbit Creek Watershed

Rain Gage Number ^{1/}	Elevation of Rain Gage, Ft.	Date Installed
33015487	4615	9/4/68
33015587 ^{2/}	4615	9/4/68
33022488	4920	9/4/68
33022588	4920	9/4/68
33028418	5690	9/5/68
33028518	5690	9/5/68
33033458	5875	9/5/68
33033558	5875	9/5/68
33035401	5790	9/4/68
33035501	5790	9/4/68

^{1/} See Figure 1 for map locations.

^{2/} Gage without a shield contains a number 4 as fifth digit in gage number.
Gage with a shield contains a number 5 as fifth digit in gage number.

Soil Water

A total of 16 access tubes were installed during the summer of 1969 for determining soil water by use of the neutron method. These soil water sites were in close proximity to the five rain gage sites (Figure 1). The access tubes range in depth from 3 to 9 feet, depending upon the soil depth and rock in the soil profile. Figure 6 shows a typical soil water site.

Following installation, the access tubes were left for about 6 weeks so that the soil around the tubes could return to as natural a condition as possible. Soil water readings were started in late September 1969, and continued on a biweekly schedule.

Because of equipment and data-collection-problems, only eight soil moisture tubes were consistently read for the 4-year study period. Of these eight, two tubes were located at each rain gage site except site 33028x18, where records ended in 1971. Generally, both tubes at each site yielded about the same information; therefore, one tube was chosen to represent each site for presentation and analysis purposes. For consistency, the soil water data for the top 4.5 feet of soil is summarized in graphical form in Appendix A. Also, included in Appendix A are the drill logs for the four tubes used. These logs are descriptive of the types of soils encountered in the watershed.

Runoff

In the late summer of 1968, two weirs were installed to measure runoff (Figure 1). At site 33015096, a drop box weir with a maximum capacity of 40 cfs was installed in a heated enclosure (Figure 7). At site 33022007, a 3-foot Parshall flume with a maximum capacity of 60 cfs was installed to measure low flows and a rated V-section was installed to measure flows from 60 to 300 cfs (Figure 8).

Foundations for the three runoff measuring devices were excavated to bedrock to prevent seepage around the structures. Bedrock was near the ground surface and no unusual construction problems were encountered.

Sedimentation

Automatic suspended sediment pumping samplers were installed and maintained at the two runoff stations from June 1969 to June 1970. The samplers were removed in 1970 because the equipment proved unreliable for such remote sites. Only a few samples were obtained from the automatic samplers. Suspended sediment samples were obtained by use of hand samplers. No facilities for bed load measurement were constructed in this study.

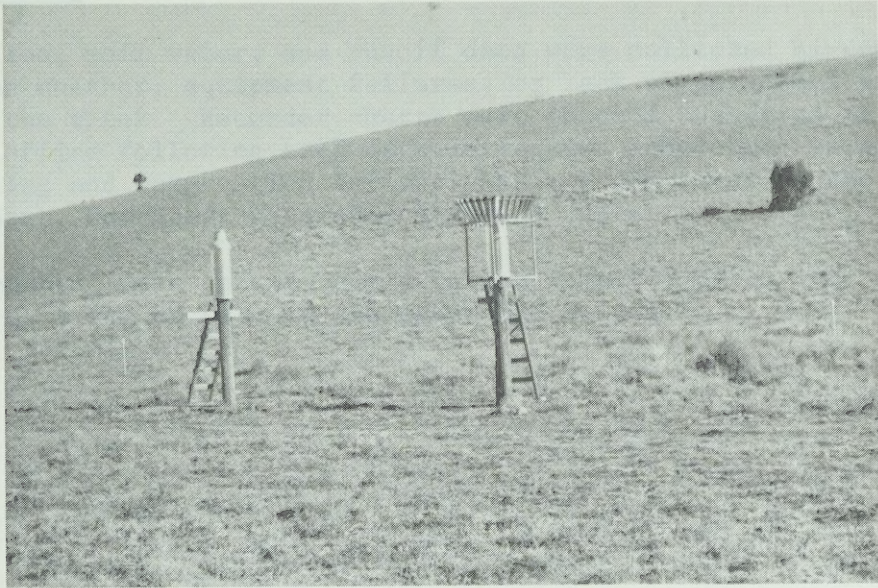


Figure 5. Typical Rain Gage Installation (33033X58)



Figure 6. Typical soil water access tube installation.

Data Processing

Precipitation, soil water, and runoff data were collected bi-weekly, except when weather, equipment failures, or lack of personnel prevented visits to the sites. Recorder charts were checked and filed in the watershed office following each data-collection schedule. Details of data handling and preparation for analyses are explained in the 1971 Annual Report, Northwest Watershed Research Center.

Original charts, data sheets, and detailed computer print-outs of all processed data are on file in the Watershed office.

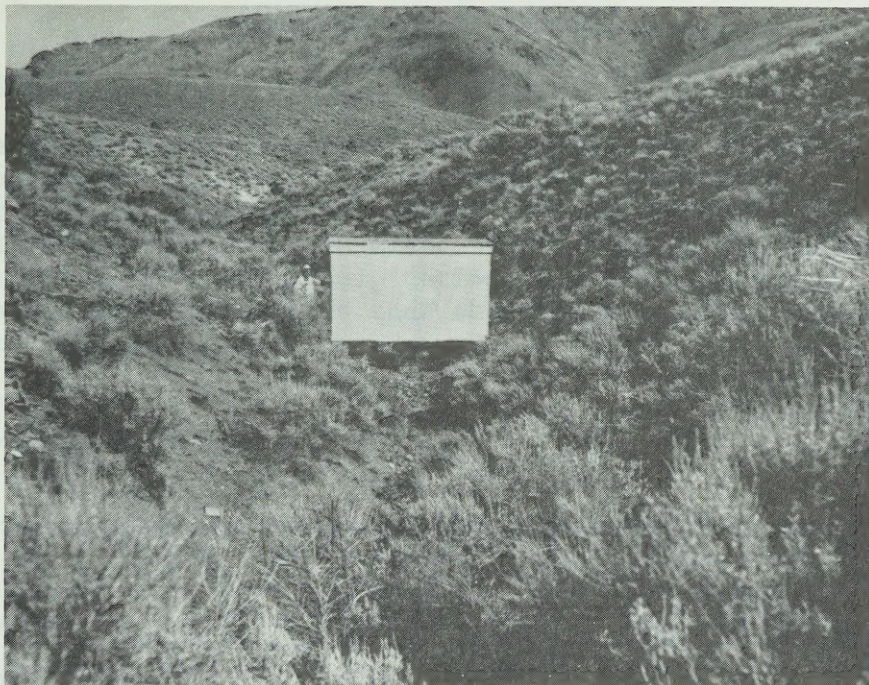


Figure 7. Little Rabbit Creek (33015096). Drop-Box Weir.

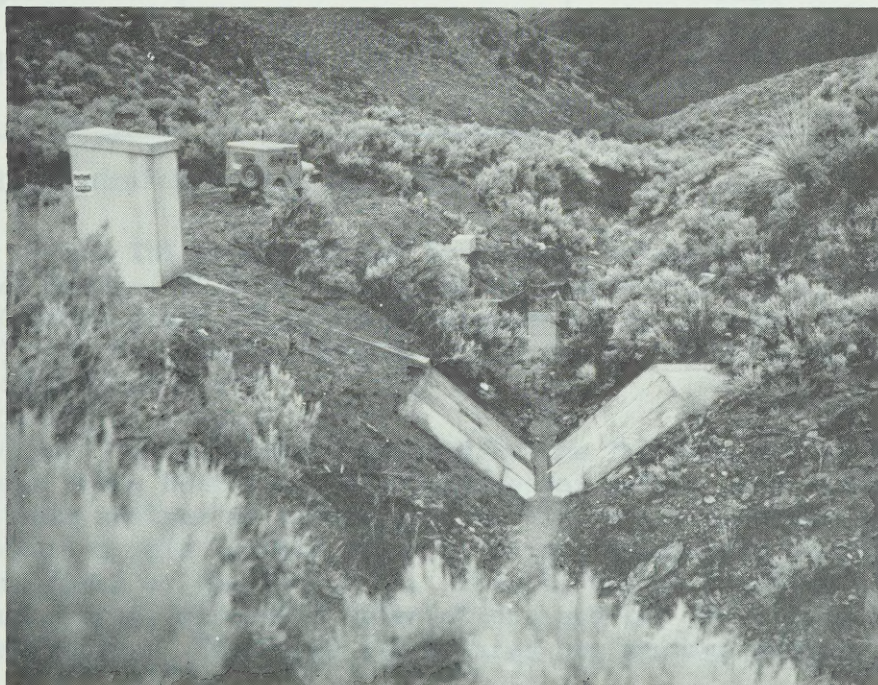


Figure 8. Rabbit Creek (33022007) V-Section and Parshall Flume.

ANALYSES AND DISCUSSION

Precipitation

Actual precipitation was computed from the dual gage network by the method proposed by Hamon (2). Daily, monthly, and yearly actual precipitation for the period of October 1, 1968, to October 1, 1973, is given in Appendix B for each site. The watershed was Thiessen weighted to distribute the precipitation from the five gages. Table 6 summarizes the Thiessen weights that show the portion of watershed area assigned to each gage.

TABLE 6.--Thiessen Weights

Rain Gage Number	Little Rabbit Creek (33015096)	Rabbit Creek Study Basin (33022007)
33015x87 ^{1/}	1.0	0.164
33022x88		0.159
33028x18		0.270
33033x58		0.134
33035x01		0.273

^{1/} x distinguishes a rain gage site

The daily actual Thiessen weighted precipitation amounts for Rabbit Creek Study Basin (33022007) are given in Appendix B. Little Rabbit Creek (33015096) precipitation was represented by only one rain gage (33015x87) and the Thiessen weight method was not used on precipitation data for that watershed.

Average annual precipitation, computed by the Thiessen method for the Rabbit Creek Study Basin, was 15.90 inches of water. The areal distribution of this average is illustrated in Figure 9. Although a precipitation-elevation relationship seems to exist, an anomaly does occur on the eastern flank of the watershed. This is probably due to a combination of topography, watershed orientation, and the prevailing direction of incoming storms. Figure 10 illustrates the average monthly watershed

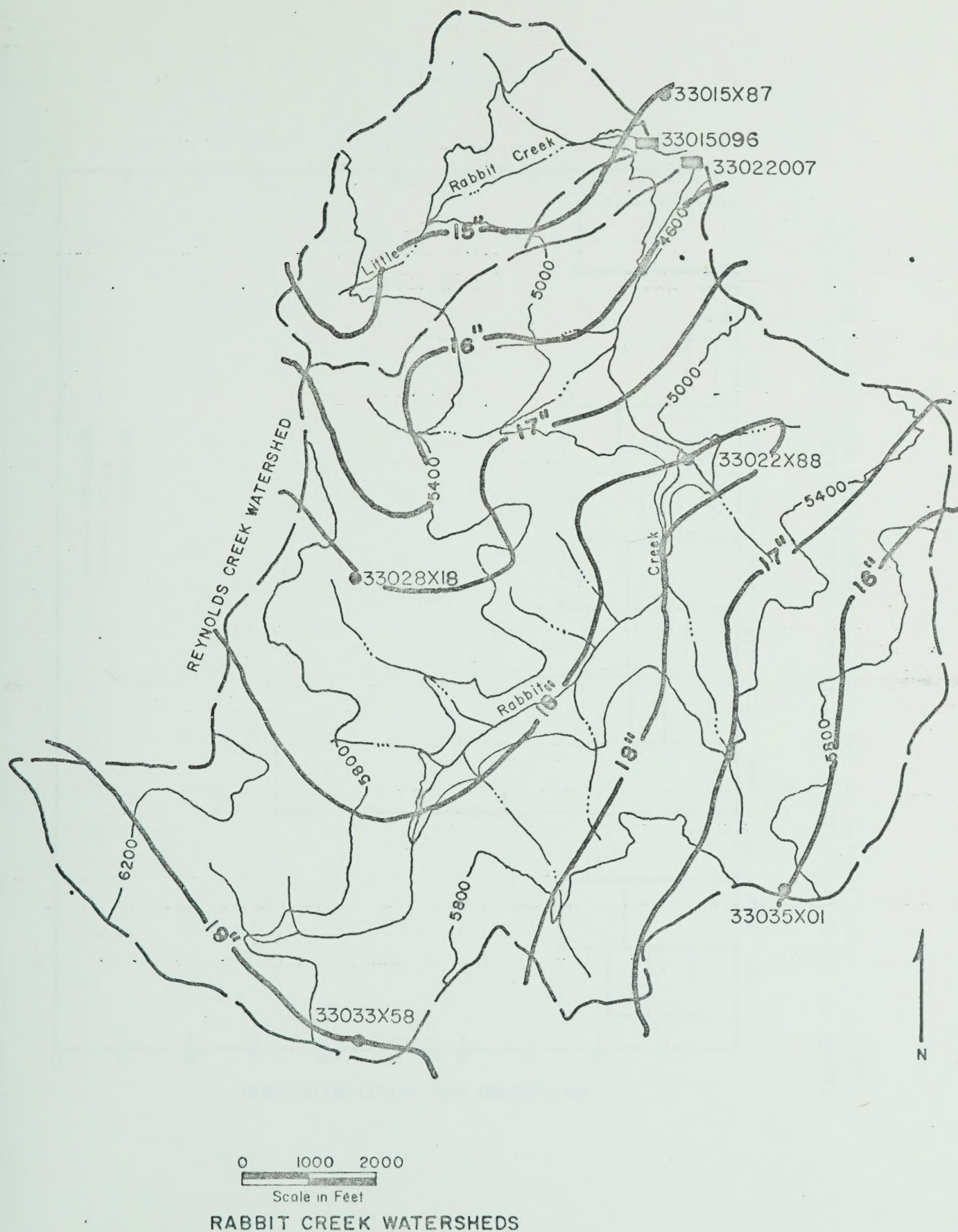


Figure 9. Isohyetal Map of Average Annual Precipitation on the Rabbit Creek Basin for Water Years 1969-1973

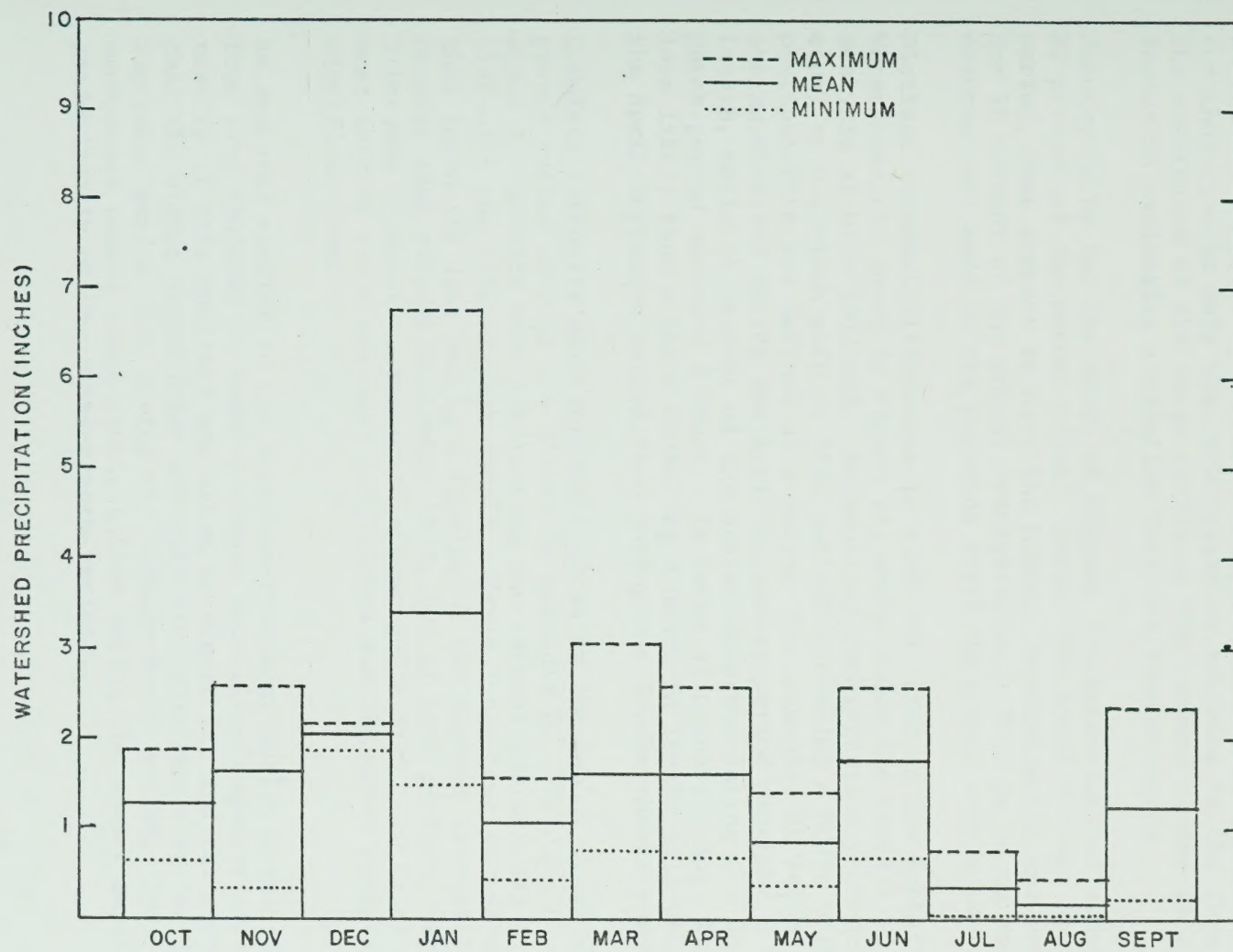


Figure 10. Monthly Distribution of Theissen Weighted Maximum, Minimum and Mean Precipitation for the Rabbit Creek Basin for Water Years 1969-1973.



Diagram illustrating the layout of the building.

precipitation for the study basin. Sixty-five percent of the annual watershed precipitation occurs during the months of October through March and generally arrives in the form of snow. The wind, interacting with local roughness factors, redistributes this snow unevenly over the basin. Large snowdrifts (15-20 feet deep) are not uncommon on leeward slopes. The windward slopes are usually blown free of snow and thus receive only that precipitation arriving in the form of rain. The occurrence of the large drifts on the leeward slopes is a major factor in prolonging streamflow into the summer months.

January is by far the month of highest precipitation and accounts for 20 percent of the annual input. During the April through September period, June appears to have the highest precipitation and accounts for 10 percent of the annual precipitation. This is in agreement with observations made on the Reynolds Creek Watershed over a 12-year period.

Distinct seasonal differences in storm duration on the Rabbit Creek Watersheds are shown in Figure 11, which shows the results of a duration analysis at site 33022x88. Accumulated precipitation greater than or equal to 0.25-inch with no time periods exceeding 4 hours without precipitation was defined as a storm. For example, 50 percent of the storms observed during the April-September period exceeded 8 hours in length, while 76 percent of the storms observed during the October-March period exceeded 8 hours. In terms of probabilities, it is much less likely that a storm exceeding 8 hours in length will occur during the April-September period than during the October-March period.

Complete intensity data for the 5 sites in the Rabbit Creek Watershed precipitation network are listed in Appendix B. The day the storm ended is the date used for listing the intensities and may not coincide with the time of peak runoff. Table 7 has been extracted from this intensity data and is a listing of the maximum intensities from October 1968 through September 1973, for 11 time periods. While the 5 through 30-minute intensities appear quite high, the total for this most intense storm was only 1.14 inches and the storm produced no significant runoff.

An analysis similar to the duration-frequency analysis was used on data from site 33022x88 to develop 1-hour intensity-frequency curves. The results of this analysis are shown in Figure 12, and the curves show that the higher intensities are more likely to occur during the April-September period than during the October-March period. This is not an unexpected result since precipitation during the summer season is predominantly of the thunderstorm variety.

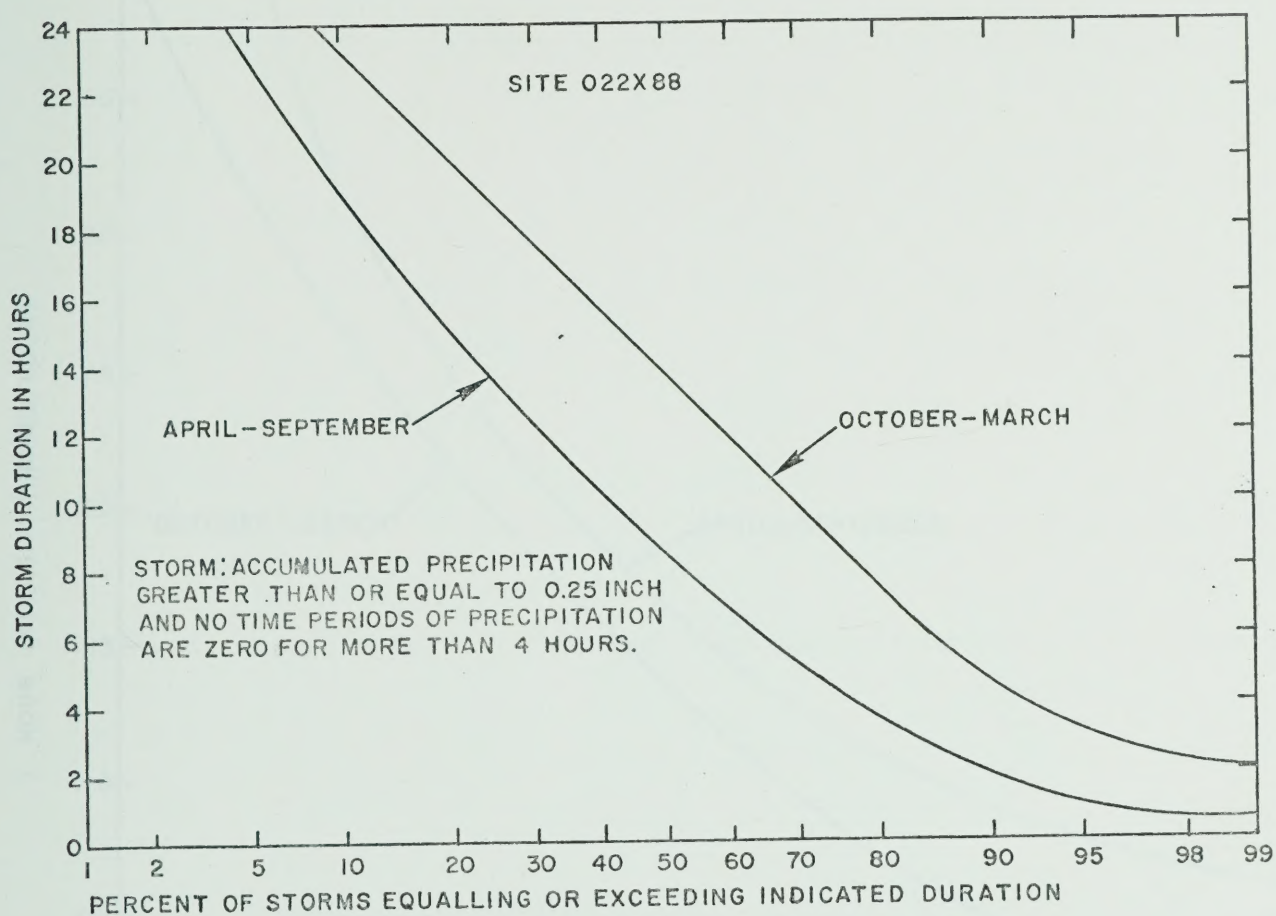


Figure 11. Seasonal Storm Duration Curves for Site 33022x88



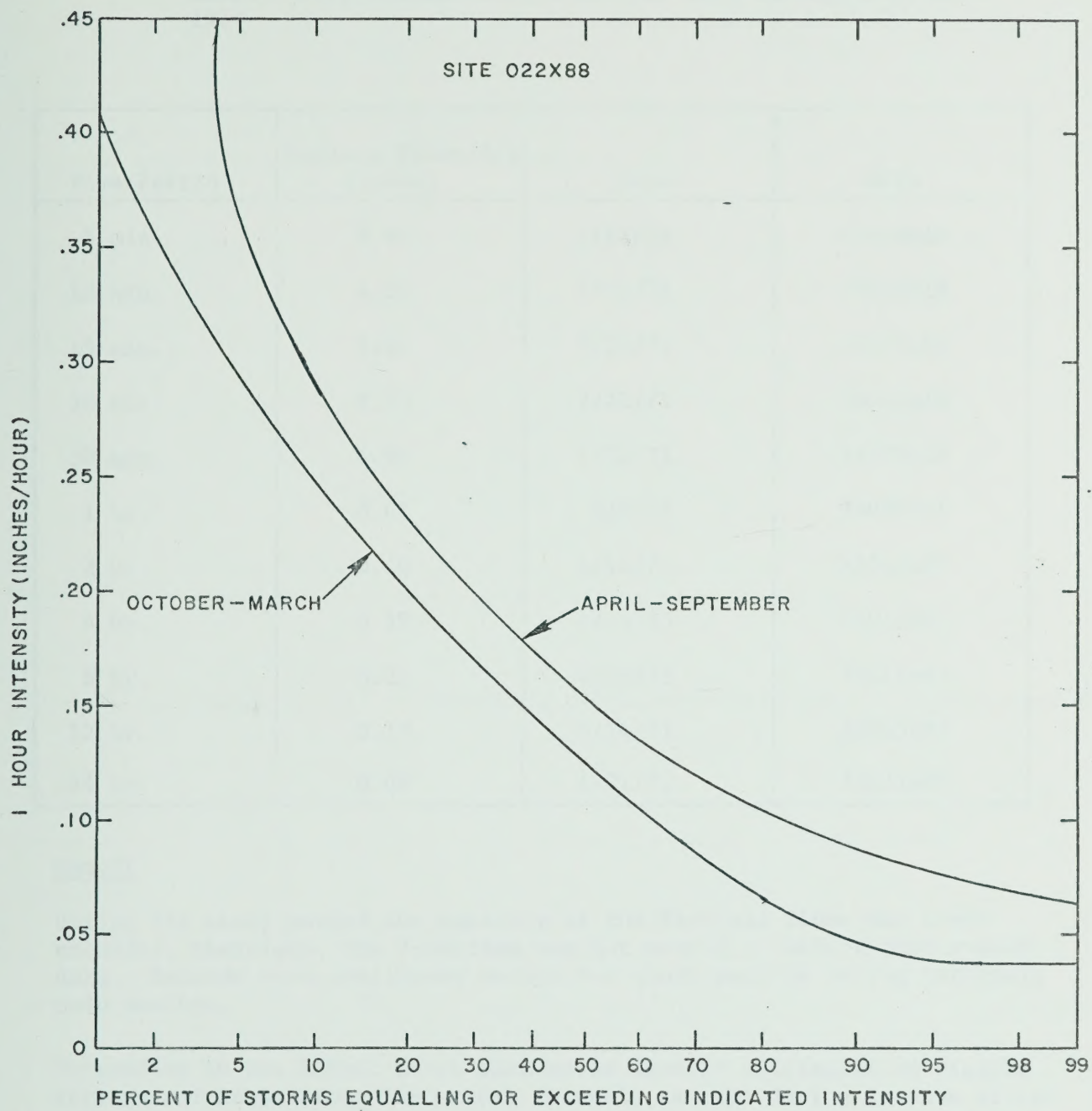


Figure 12. Seasonal Storm Intensity Curves for site 33022x88

TABLE 7.--Maximum Intensities Recorded for Various Time Periods on Rabbit Creek Watershed from October 1968 through September 1973

Time Period	Maximum Intensity (In/Hr)	Date	Site
5 min.	7.80	7/22/71	33028x18
10 min.	4.53	7/22/71	33028x18
15 min.	3.40	7/22/71	33028x18
20 min.	2.70	7/22/71	33028x18
30 min.	1.98	7/22/71	33028x18
1 hr.	0.61	6/8/69	33035x01
2 hr.	0.40	4/14/73	33015x87
4 hr.	0.29	4/14/73	33015x87
6 hr.	0.25	4/14/73	33015x87
12 hr.	0.17	4/14/73	33015x87
24 hr.	0.09	1/21/73	33022x88

Runoff

During the study period the capacity of the Parshall flume was never exceeded; therefore, the V-section was not needed to obtain peak runoff data. Records were continuous except for short periods during extremely cold weather.

Streamflow in the Rabbit Creek Watersheds usually originates as visible springs and seeps along the stream channels, except during intense storms and snowmelt runoff when overland flow can occur. These springs increase in flow in late fall and winter as a result of rainfall and snowmelt. Although most springs on tributaries dry up during late summer, observations by local ranchers indicate that flow in the Rabbit Creek channel has never completely dried up.

Daily, monthly, and yearly water yield in inches and mean discharge in cubic feet per second are given for the 5-year study period for both Rabbit Creek Watersheds in Appendix C.

Figures 13 and 14 show the average monthly distribution of water-year runoff from the watersheds for the 5-year study. Comparisons of monthly runoff from the two watersheds show similar trends, except for a greater January percentage from the small watershed, caused by more winter rain and snowmelt at lower elevations, and a greater May percentage from the large watershed, caused by melting of deep snowdrifts at the highest elevations.

Table 8 shows the yearly water yield and peak discharge on both watersheds. The water yield differences are explained mainly by greater precipitation on the large watershed. The average peak discharge per unit area of the small watershed was three times greater than the large watershed. However, water yield from the small watershed was less than one-half the water yield from the larger. These comparisons show the greater difference in peak runoff characteristics of the two watersheds. Runoff data from this study support the results of an analysis of peak events on the Reynolds Creek Watershed (3) and show the importance of winter storms in producing floods.

TABLE 8.--Water yield and peak discharge comparisons, Rabbit Creek Watersheds

Water Year	Water Yield		Peak Discharge					
	Watershed 33022007 (Inches)	Watershed 33015096 (Inches)	Watershed 33022007			Watershed 33015096		
			Ft ³ /Sec	csml/	Date	Ft ³ /Sec	csml/	Date
1968-69	2.47	1.24	14.75	4.00	1-21	8.00	14.63	1-21
1969-70	.93	.47	2.07	.56	1-27	.53	.97	1-27
1970-71	2.15	.96	4.28	1.16	3-26	4.15	7.59	3-22
1971-72	3.57	1.69	7.12	1.93	3-2	2.96	5.41	1-22
1972-73	1.22	.39	2.16	.59	4-13	.43	.79	4-13
5-Year Average	2.07	.95	6.08	1.65		3.21	5.87	

1/ csm is cubic feet per second per square mile.

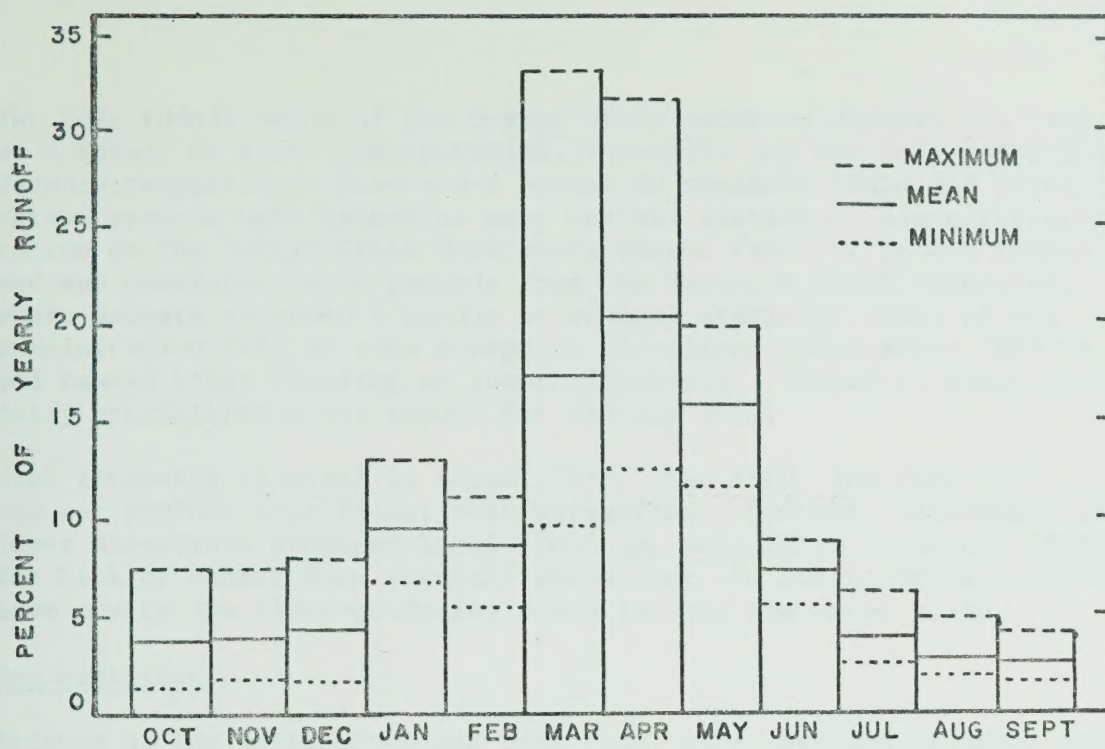


Figure 13. Monthly Runoff Distribution, 5-Year Record on 2360-Acre Watershed, Rabbit Creek

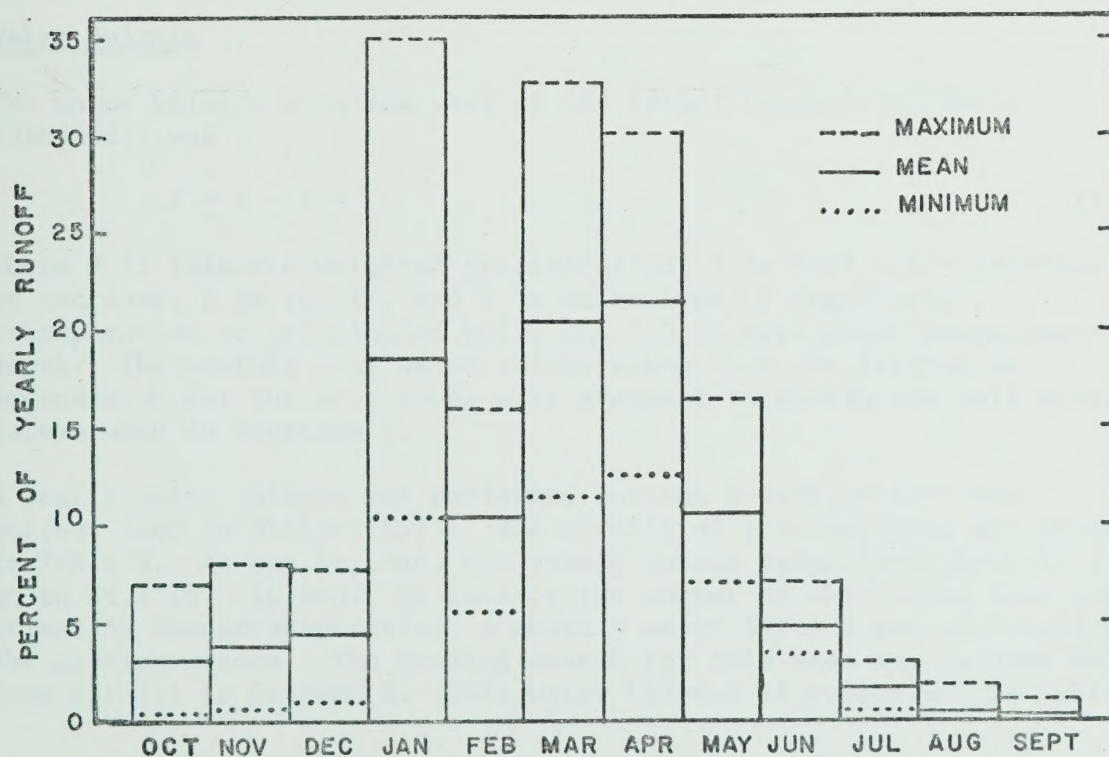


Figure 14. Monthly Runoff Distribution, 5-Year Record on 350-Acre Watershed, Rabbit Creek

The peak runoff event of the 5-year study occurred January 21, 1969, as a result of heavy precipitation, snowmelt, and wet soil conditions. January temperatures were above normal in southern Idaho and precipitation records were broken at many weather stations. January precipitation on the Rabbit Creek Watersheds ranged from 1.7 to 8.4 inches and was consistent with records from the Reynolds Creek Watershed, where amounts exceeded 9 inches at several stations. Most of the precipitation fell as rain except at elevations above about 5500 ft and caused minor flooding at lower elevations. Figure 15 shows plotted daily precipitation and runoff for January 1969.

High intensity rainfall in August 1968, June 1969, and July 1971, did not produce significant peak streamflow. However, watersheds at lower elevations produced local flooding, especially in August 1968. The lack of runoff from rainfall shows that the Rabbit Creek watersheds have a very low flood-producing potential and low water yield.

Sedimentation

Because of low water yield and peak flow, soil loss and sediment yield was very low during the study period. However, the peak flow of 3.57 ft³/sec on June 8, 1969, produced a suspended sediment concentration of 167,600 mg/liter and shows the high concentration possible as streams flush sediments from the steep channels. Data were insufficient for a meaningful analysis, since most sediment yield occurred during a few days of maximum high flow and automatic samplers failed to operate.

Water Balance

The water balance equation used at the Rabbit Creek Study Basin (33022007) was

$$P + S - R = L \quad (1)$$

where P is Thiessen weighted precipitation, S is soil water increase or decrease, R is runoff, and L is water loss by evaporation, transpiration or percolation below the 4.5 ft soil water measurement depth. The monthly soil water values taken from the figures in Appendix A for the four tubes were averaged to obtain the soil water values used in Equation 1.

A yearly water balance was performed for the 4-year period from October 1969 to October 1973. The results of this analysis are given in Table 9. As can be seen, the yearly losses range from about 11.4 in to 21.1 in. In order to isolate the amount of the losses that were primarily evapotranspiration, a monthly water balance was performed for the growing season. The growing season for this area was assumed to be from April 1 to October 1. This water balance is summarized in Table 10.

The first thing I noticed when I stepped out of the car was the smell of fresh air. It was a relief after being stuck in traffic for hours. I looked around and saw a few people walking towards the entrance. I followed them and saw a large sign that said "Welcome to the Museum". I felt a bit nervous, but I decided to go in. I saw a lot of interesting things, but I didn't have much time to look at them. I was in a hurry to get to the next part of the tour.

After the first part of the tour, I went to the next part. I saw a lot of interesting things, but I didn't have much time to look at them. I was in a hurry to get to the next part of the tour. I saw a lot of interesting things, but I didn't have much time to look at them. I was in a hurry to get to the next part of the tour.

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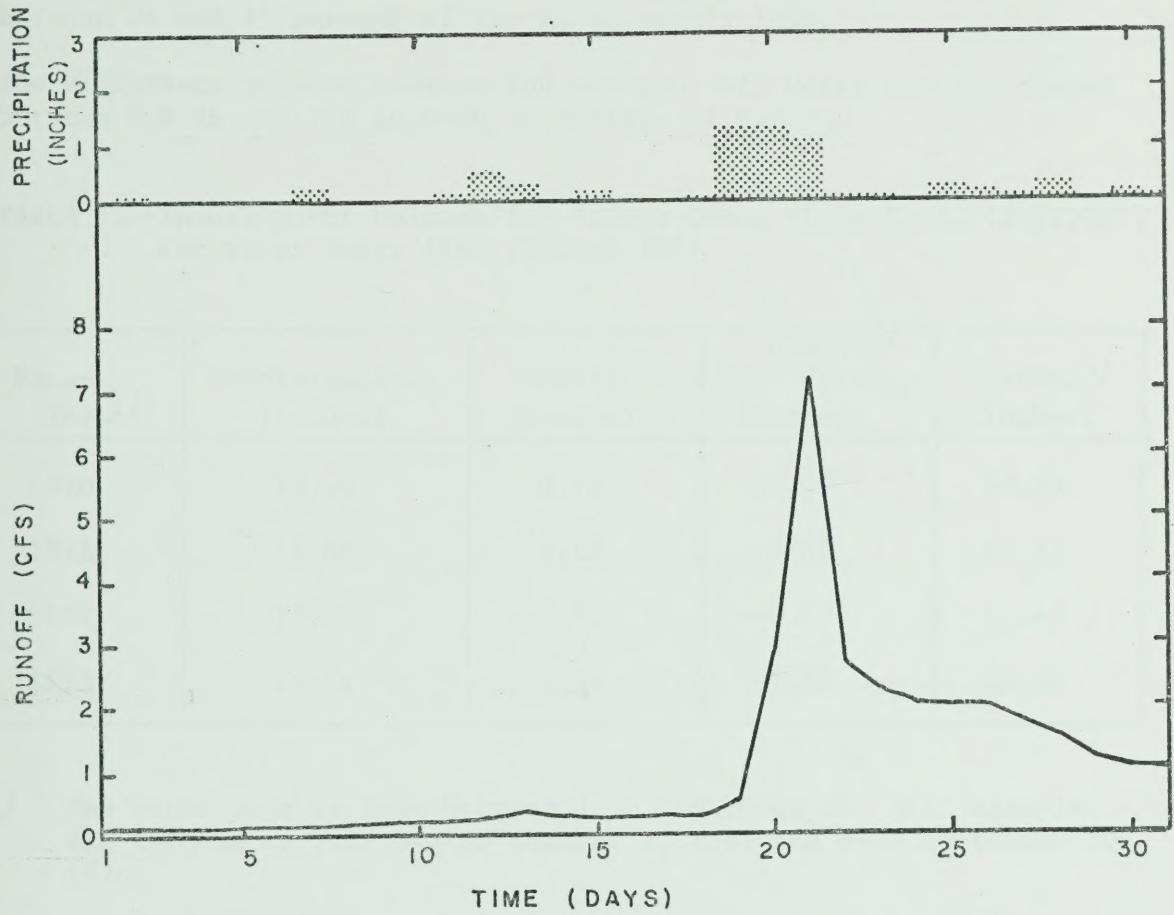


Figure 15. Runoff and Precipitation, Watershed 33022007, Jan., 1969.

Assuming that the losses during this period were evapotranspiration, the months of June and July produced the maximum daily rates. The maximum average daily rates ranged from .14 in/day to 0.06 in/day. The average growing season daily loss rate ranged between 0.06 and 0.09 in/day. These seasonal rates are comparable to those obtained for similar areas in Reynolds Creek Watershed (5). The total growing season loss ranged from 9.8 in to 13.9 in, and this accounted for between 66 and 86 percent of the total yearly loss.

The difference between minimum and maximum soil water storage ranged between 4.8 in and 7.9 in with an average of 6.4 in.

TABLE 9.--Annual water balance for Rabbit Creek Study Basin (33022007) for water years 1969 through 1972

Water Year ^{1/}	Precipitation (Inches)	Runoff (Inches)	Change ^{2/} Soil Water (Inches)	Losses ^{3/} (Inches)
1970	18.46	0.93	+1.00	16.53
1971	19.88	2.15	-3.40	21.13
1972	14.91	3.57	-0.10	11.44
1973	13.74	1.22	-1.10	13.62

^{1/} The water year is from October 1 to September 30. For example, the 1970 water year begins October 1, 1969 and ends September 30, 1970.

^{2/} For top 4.5 feet of soil

^{3/} Includes evaporation, evapotranspiration, groundwater losses, snow losses

TABLE 10.--April to October monthly water balance for Rabbit Creek study basin
(33022007) for 1970 through 1973

Date	Precip. (Inches)	Runoff (Inches)	Change in ^{1/} Soil Water (Inches)	Losses ^{2/} (Inches)	Average Daily Loss (Inches)	Date	Precip. (Inches)	Runoff (Inches)	Change in ^{1/} Soil Water (Inches)	Losses ^{2/} (Inches)	Average Daily Loss (Inches)
4-1-70	2.58	0.12	+1.29	1.17	0.04	4-1-72	0.64	0.53	-0.83	0.94	0.03
5-1-70	1.39	0.15	-0.73	1.97	0.06	5-1-72	0.38	0.41	-1.37	1.22	0.04
6-1-70	1.54	0.08	-1.50	2.96	0.10	6-1-72	1.58	0.19	-0.24	1.63	0.05
7-1-70	0.63	0.06	-1.00	1.57	0.05	7-1-72	0.01	0.10	-2.84	2.75	0.08
8-1-70	0.26	0.05	-1.36	1.56	0.05	8-1-72	0.44	0.07	-1.80	2.17	0.07
9-1-70	1.18	0.04	-0.62	1.76	0.05	9-1-72	1.25	0.08	+0.09	1.08	0.04
10-1-70						10-1-72					
Total for Season	7.58	0.50	-3.92	10.99	0.07		4.30	1.38	-6.99	9.79	0.06
4-1-71	1.46	0.56	-1.00	1.90	0.06	4-1-73	2.49	0.20	-0.08	2.37	0.07
5-1-71	1.14	0.43	-0.70	1.41	0.05	5-1-73	0.60	0.16	-0.72	1.16	0.04
6-1-71	2.58	0.17	-1.83	4.24	0.14	6-1-73	0.68	0.08	-1.25	1.85	0.06
7-1-71	0.78	0.10	-2.60	3.28	0.11	7-1-73	0.29	0.04	-1.49	1.74	0.06
8-1-71	0.05	0.05	-1.57	1.57	0.05	8-1-73	0.21	0.04	-1.40	1.57	0.05
9-1-71	2.34	0.04	+0.82	1.48	0.05	9-1-73	1.16	0.05	-0.25	1.36	0.04
10-1-71						10-1-73					
Total for Season	8.35	1.35	-6.88	13.88	0.09		5.43	0.57	-5.19	10.05	0.07

^{1/} Soil water for top 4.5 feet of soil

^{2/} This loss is primarily evapotranspiration during these periods; however
it does include losses to groundwater

SUMMARY AND CONCLUSIONS

This report provides a 5-year record of hydrologic data for two range-land watersheds in Southwest Idaho. Results of the study are summarized as follows:

1. The network of dual rain gages provided data for computing "actual" precipitation based on Hamon's dual gage approach. Yearly precipitation amounts ranged from a low of 13.20 inches in 1969 to a high of 24.48 inches in 1970.
2. A precipitation duration and intensity analysis showed that 65 percent of the yearly precipitation occurs in the October-March period. Also, the storm duration for the October-March period is longer than the April-September period. Maximum precipitation intensities occurred during the April-September period.
3. Yearly water yield per unit area from the 2360-acre watershed was 2.07 inches, which was about twice that from the 350-acre watershed. The greater percentage of drainage area at higher elevations and greater precipitation caused this difference in water yield.
4. The peak runoff rate occurred during January 1969 as a result of rain, snowmelt, and wet soils; however, no flooding or serious erosion was evident. Generally, peak runoff rates were associated with winter storms and snowmelt.
5. Runoff from thunderstorm events was not significant during the study, although intense rainfall did occur.
6. Since only a few sediment samples were collected during sediment-producing events, no sediment yield computations were made. Observations during scheduled data collection visits indicate that most sediment yield occurred during a few days of peak streamflow each year and that amounts were obviously low.
7. The water balance analysis showed a maximum evapotranspiration of 0.14 inches per day in June 1971 when soil water conditions were favorable for plant growth. Monthly soil water depletion rates during the April to September period ranged from 0.03 to 0.14 inches per day.

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3. Johnson, C. W., and R. P. McArthur. Winter Storm and Flood Analysis, Northwest Interior. Proc. Hydraulics Div. Specialty Conference, Am. Soc. of Civil Engin., Bozeman, MT, pp 359-369, August, 1973.
4. McIntyre, D. H. Cenozoic Geology of the Reynolds Creek Experimental Watershed, Owyhee County, Idaho. Idaho Bureau of Mines and Geology, Pamphlet 151, pp 1-115 with maps, 1972.
5. Rawls, W. J., J. F. Zuzel, and G. A. Schumaker. Soil Moisture Trends on Sagebrush Rangelands. Jour. Soil and Water Conservation 28(6): 270-272, 1973.
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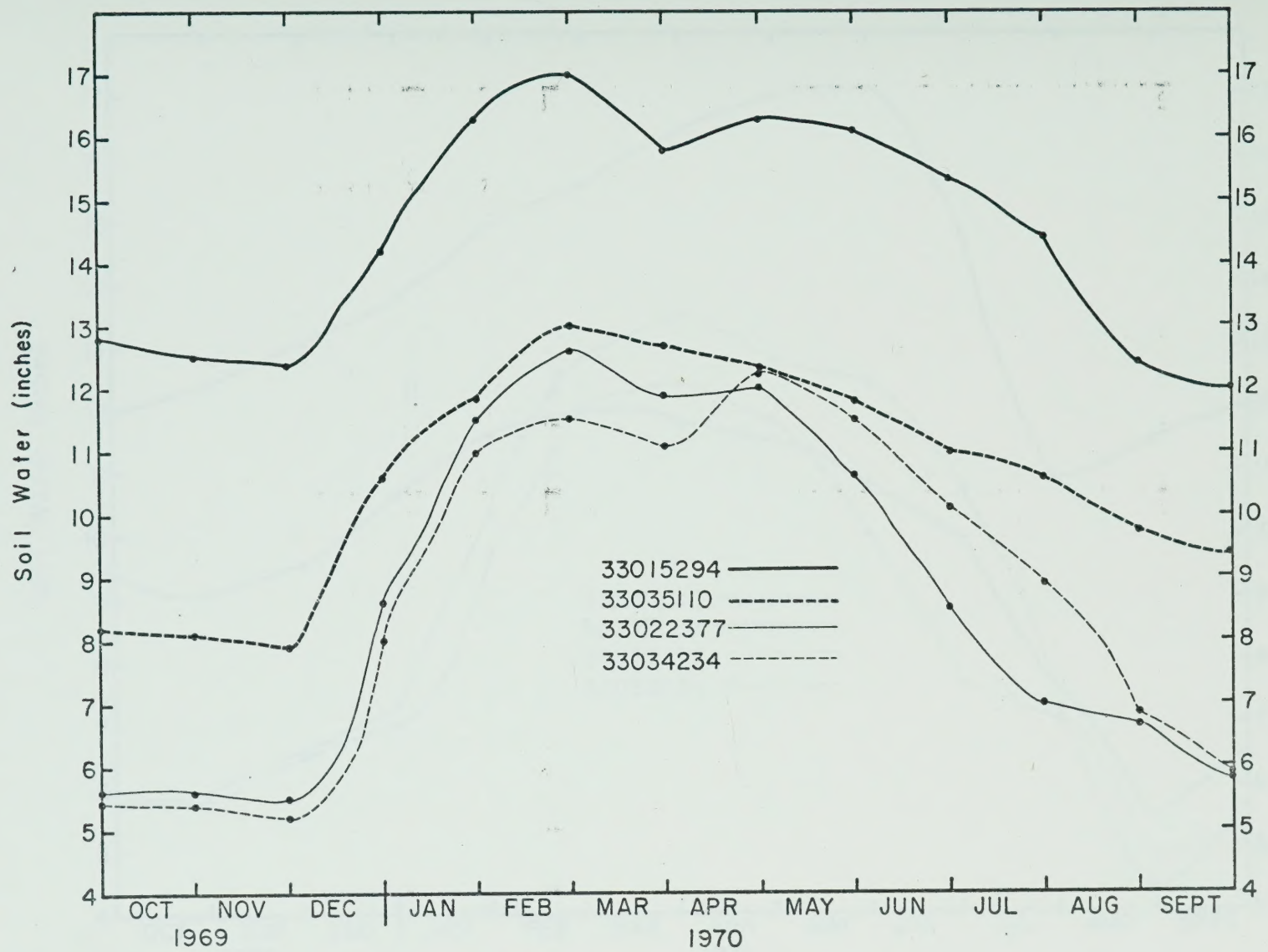
APPENDIX A

SOIL WATER DATA

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Drill Logs for Soil Water Sites

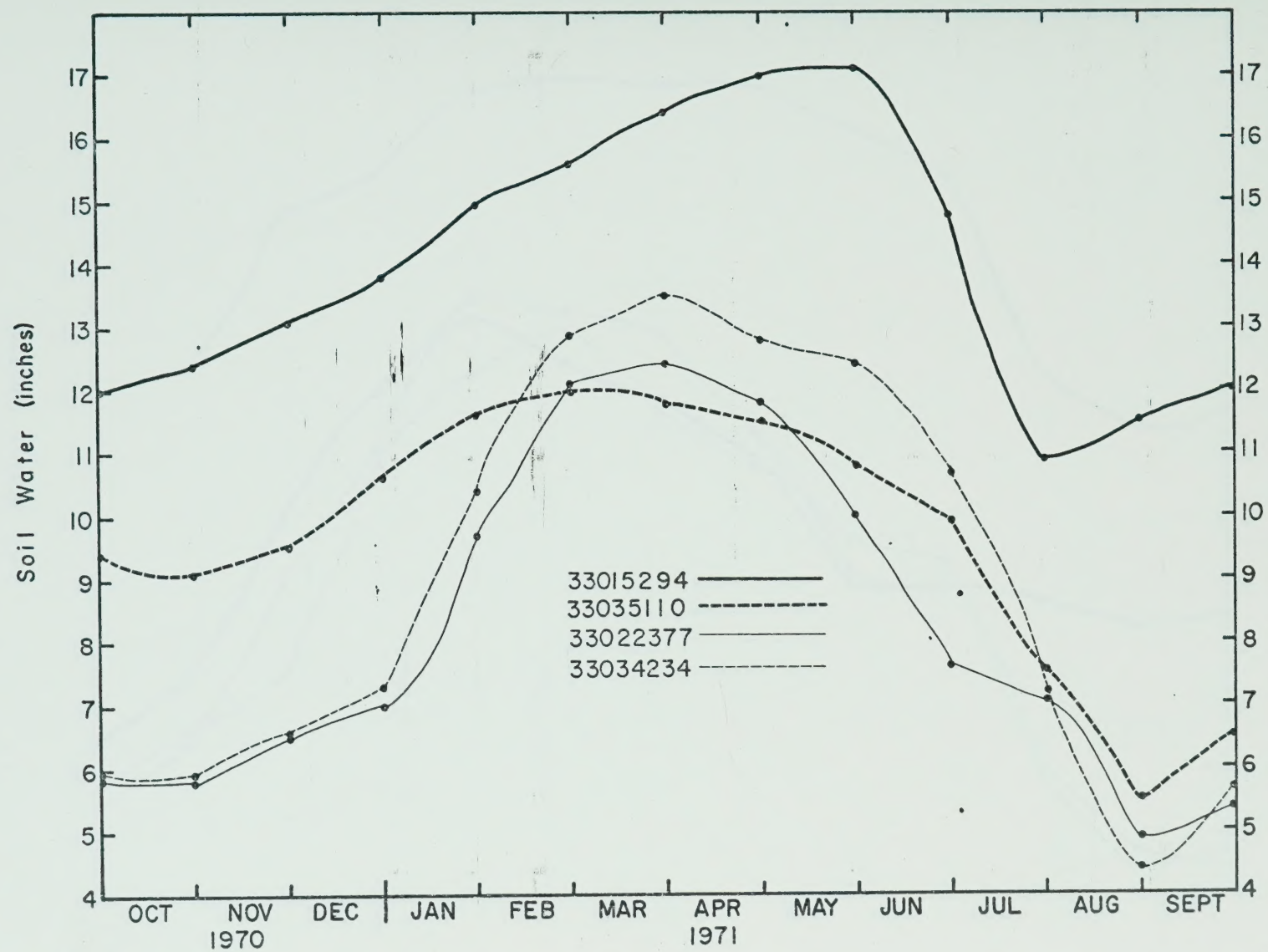
Hole No.	Date Drilled	Depth (Inches)	Description
3315294	9-25-69	0-7	Dark gray silty soil, few basaltic rocks
		7-30	Dark clay soil
		30-42	Grades to silica sand and dark clay
		42-54	Fine-grained silty loam, less clay
		54-69	Grading into harder decomposed granite
		69 +	Hard granite
3322377	6-12-69	0-10	Heavy organic material, few rocks and sand quite dry
		10-24	More loamy, less rocks, dry
		24-30	Damp with some clay
		30-33	Drier and sandy
		33-66	Dry and wetter soil, some rocky material
		66-90	Rocks, rhyolitic, very rotten and broken fragments
		90-108	Layer of micaceous sand. Wet clay and sand interbedded with some gravels
3333234	6-11-69	108 +	Rhyolite bedrock
		0-6	Gravelly, grey-brown, loose, nearly dry soil
		6-18	Some clay, brown, gravelly, loamy soil
		18-30	Getting dry at 2' - darker brown, finer soil, fewer rocks
		30-60	Grey-brown fine sand soil, no clay, grades into fine, powdery, spongy, light grey rhyolite
		72-99	More solid rhyolite bedrock
		99 +	Rhyolite bedrock.
3335110	6-11-69	0-6	Damp soil with few gravel-size rocks
		6-18	Dry, rock soil - mostly rock
		18-48	Soft, dry, powdery material with 15% coarse sand-size grains
		48-66	Same as 18" to 48" but harder
		66-108	Soft spongy rhyolite bedrock, very soft
		108 +	Rhyolite bedrock



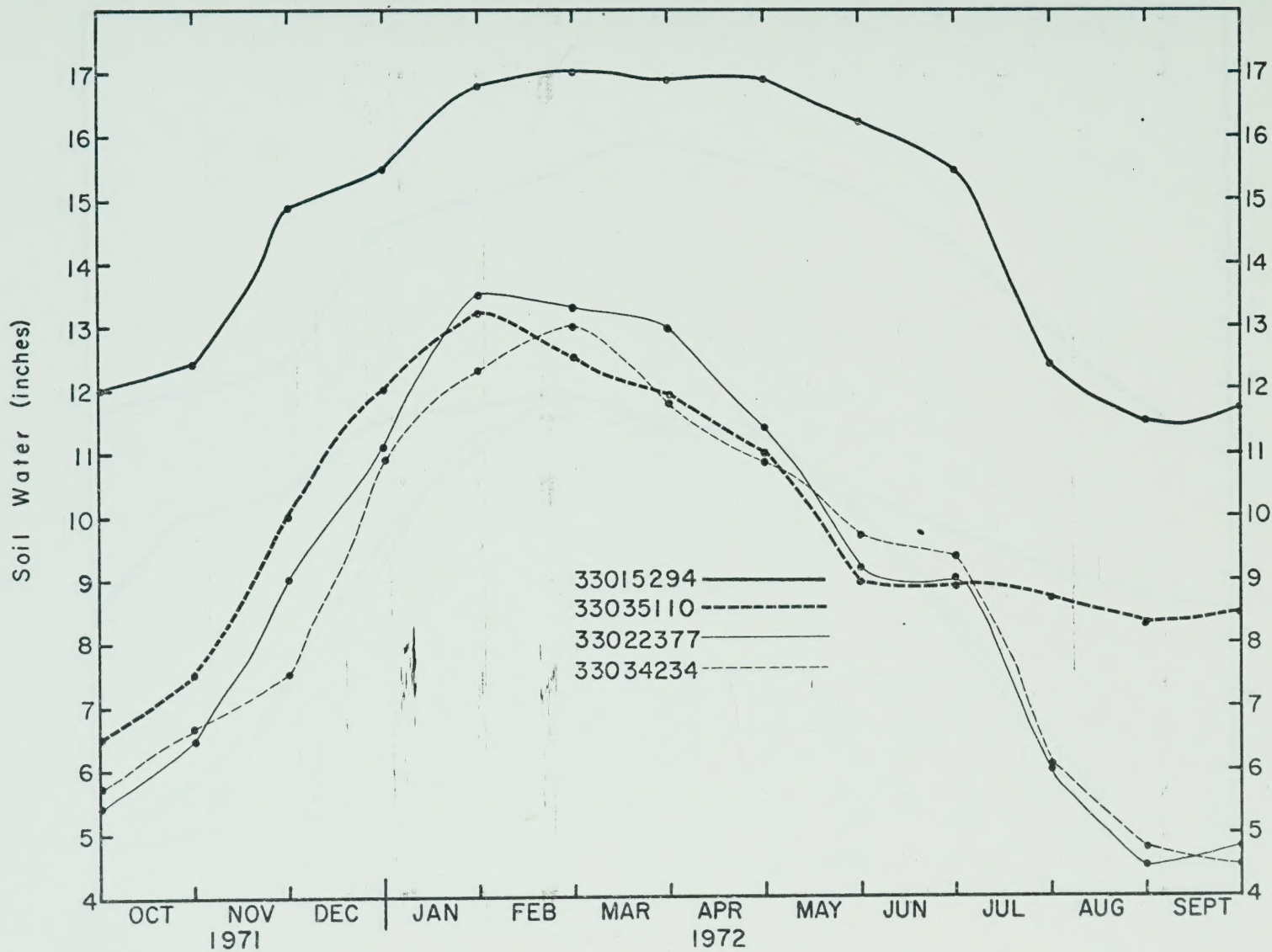
Soil Water in Top 4.5 Feet for Water Year 1970.



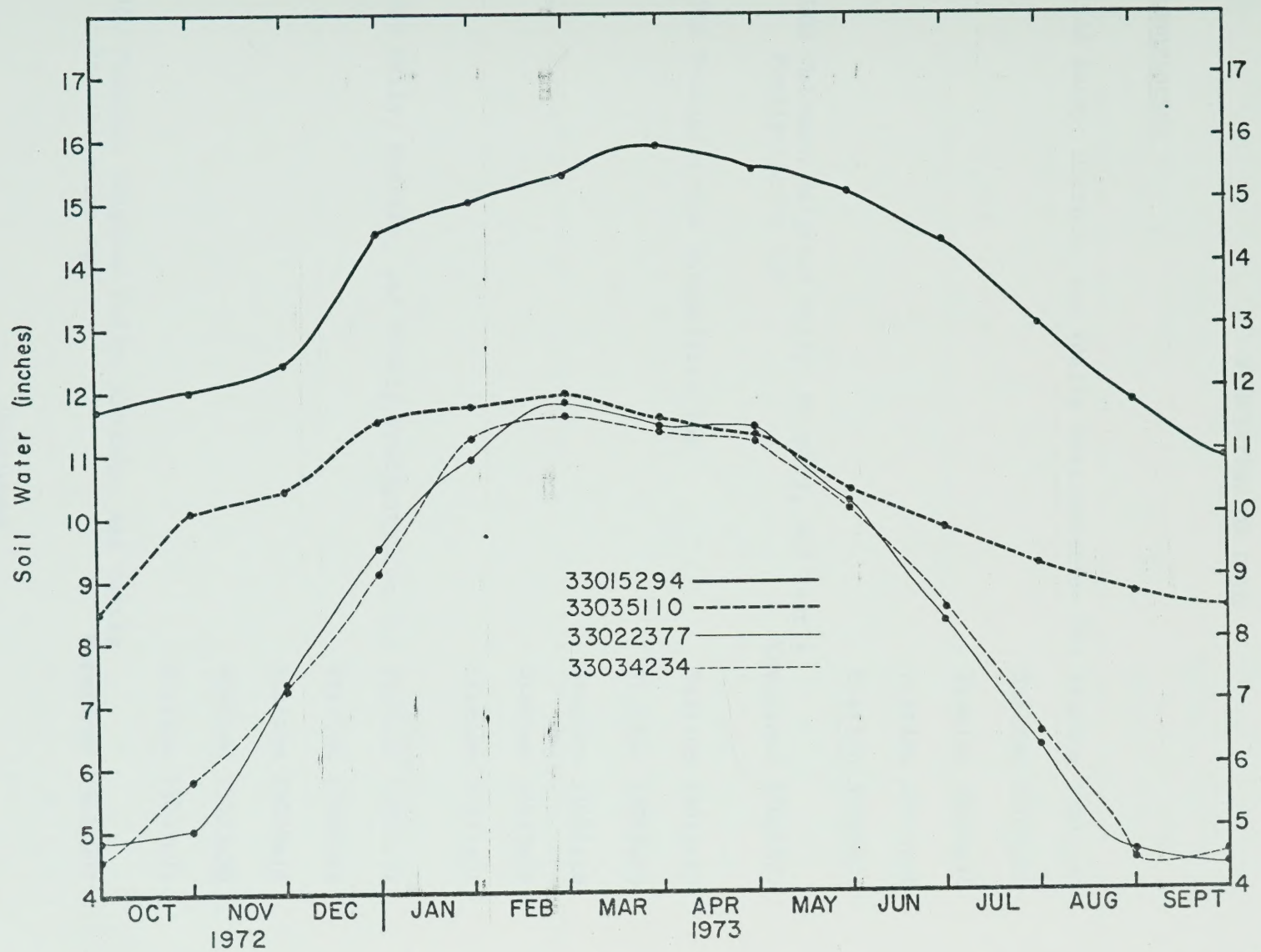
Sketch of the map



Soil Water in Top 4.5 Feet for Water Year 1971.



Soil Water in Top 4.5 Feet for Water Year 1972.



Soil Water in Top 4.5 Feet for Water Year 1973.

APPENDIX B

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STATION 33015X37

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.124
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.560	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.308	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.055	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.155
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.0	0.026
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.072	0.219	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.157	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.169	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.026	0.206
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.039	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.245	0.039
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.011
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.036	0.051	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.066
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.198
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.062	0.319
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.176
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.186	0.209
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.477	1.803	1.584

YEARLY TOTAL 3.954

STATION 33022XB8

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.146
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.593	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.051	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.404	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.075	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.154
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.035	0.084
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.128	0.389	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.384	0.053	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.272	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.064	0.073	0.238
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.028
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.248	0.098
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.015	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.080	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.098	0.082
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.328
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.132	0.546
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.315
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.058
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.086
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.029
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.117	0.187
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.028
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.110	0.956	2.330	2.407
YEARLY TOTAL	5.803											

STATION 33028X18

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.158
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.581	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.037	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.333	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.135	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.098
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.056
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.099	0.149	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.253	0.037	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.176	0.012	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.024	0.042
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.024	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.195	0.048
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.024	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.121	0.036	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.024	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.061	0.060
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.226
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.085	0.428
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.190
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.072
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.142
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.048
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.158	0.084
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.649	1.960	1.664
YEARLY TOTAL	4.343											

STATION 33033X58

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.095
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.543	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.310	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.300	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.195
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.021	0.130
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.087	0.464	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.237	0.022	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.205	0.0	0.022
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.010	0.112	0.086
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.065
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.335	0.174
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.044	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.120	0.044	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.133	0.126
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.378
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.209	0.605
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.325
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.065
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.049
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.098
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.038	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.133	0.130
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.049
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.140	0.723	2.748	2.592
YEARLY TOTAL	6.203											

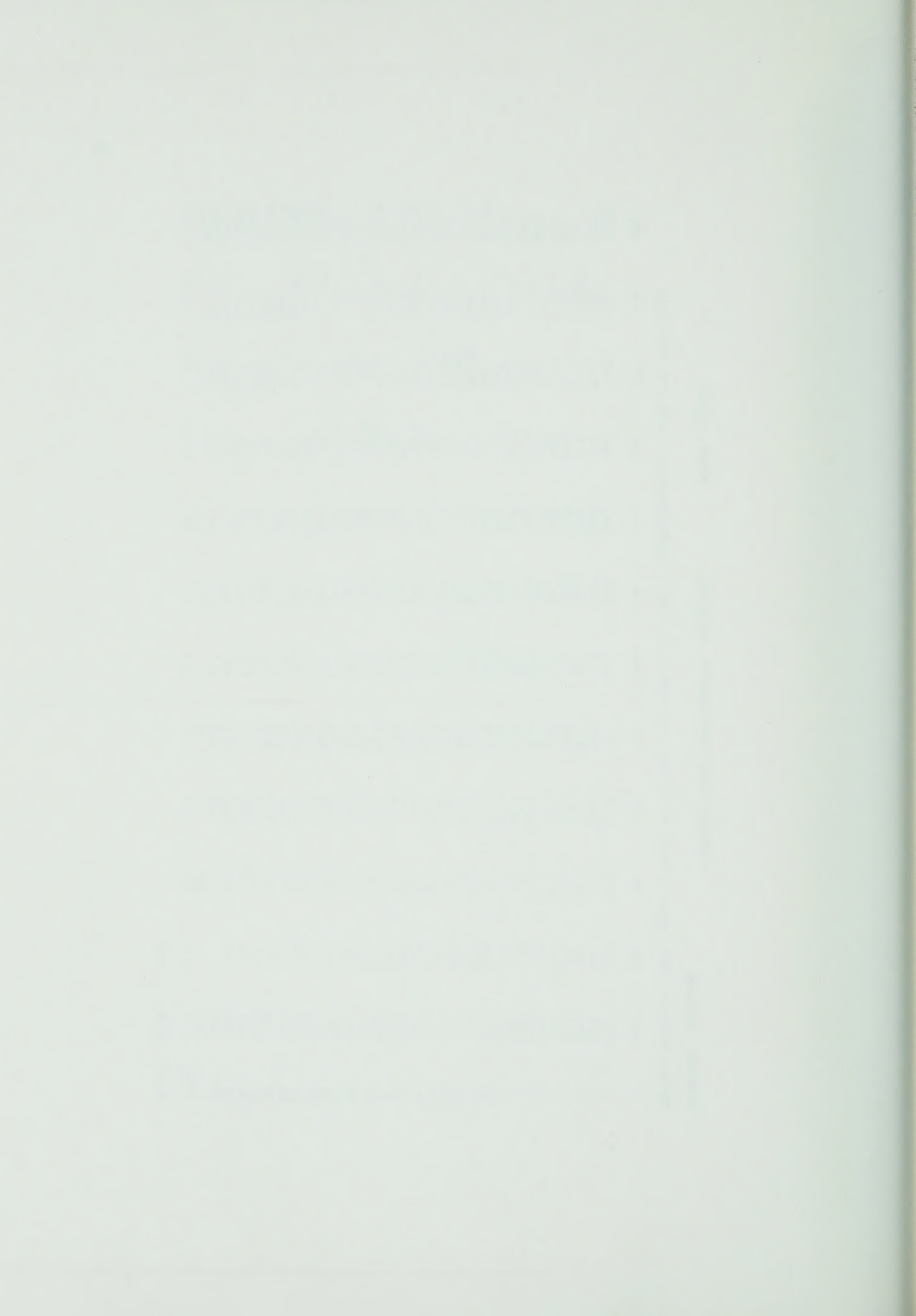
STATION 33035X01

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.057
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.600	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.430	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.180	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.134
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.090
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.041	0.224	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.249	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.213	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.080	0.0	0.015	0.045
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.225	0.067
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.093	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.247	0.036
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.342
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.076	0.631
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.147
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.097
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.064
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.064
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.019	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.076	0.161
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.065
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.110	0.611	2.142	2.022
YEARLY TOTAL		4.885										



REYNOLDS CREEK EXPERIMENTAL WATERSHED
WATERSHED - 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) BOISE, IDAHO

THESSIER WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1968

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.114
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.579	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.041	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.363	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.147	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.139
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.012	0.074
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.082	0.261	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.255	0.021	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.205	0.003	0.003
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.039	0.012	0.042	0.107
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.018	0.019
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.017	0.0	0.238	0.076
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.025	0.0	0.015	0.002
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.093	0.024	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.0	0.006	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.121	0.067
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.290
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.103	0.509
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.214
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.069
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.076
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.048
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.016	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.008	0.130	0.143
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.100	0.669	2.148	1.992

YEARLY TOTAL 4.909

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015X87 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	11	3	68	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.081	0.070	0.043	0.0
2	11	9	68	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.039	0.029	0.024	0.0
3	12	24	68	0.075	0.075	0.075	0.075	0.075	0.071	0.066	0.045	0.032	0.023	0.016
MAXIMUM INTENSITY				0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.081	0.070	0.043	0.016

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022X83 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS					
		5	10	15	20	30	1	2	4	6	12	24
1	10 14 68	0.272	0.203	0.180	0.163	0.157	0.145	0.125	0.108	0.094	0.0	0.0
2	11 3 68	0.098	0.098	0.093	0.098	0.098	0.098	0.098	0.075	0.070	0.044	0.0
3	11 9 68	0.064	0.064	0.064	0.064	0.064	0.064	0.061	0.048	0.039	0.030	0.0
4	11 12 68	0.132	0.132	0.132	0.132	0.126	0.126	0.101	0.067	0.047	0.031	0.0
5	12 24 68	0.107	0.107	0.107	0.107	0.107	0.084	0.062	0.053	0.044	0.029	0.027
6	12 25 68	0.101	0.101	0.101	0.101	0.101	0.082	0.073	0.066	0.0	0.0	0.0
MAXIMUM INTENSITY		0.272	0.203	0.180	0.163	0.157	0.145	0.125	0.108	0.094	0.044	0.027

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33029x18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	10 14 68	0.099	0.099	0.099	0.099	0.099	0.099	0.088	0.063	0.055	0.0	0.0	
2	11 4 68	0.074	0.074	0.074	0.074	0.074	0.074	0.071	0.067	0.061	0.044	0.025	
3	11 9 68	0.163	0.094	0.070	0.059	0.057	0.057	0.056	0.032	0.027	0.024	0.019	
4	12 24 68	0.094	0.094	0.094	0.094	0.094	0.094	0.072	0.053	0.047	0.039	0.024	
MAXIMUM INTENSITY		0.163	0.099	0.099	0.099	0.099	0.099	0.088	0.067	0.061	0.044	0.025	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033X53 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS					
		5	10	15	20	30	1	2	4	6	12	24
1	10 14 68	0.191	0.132	0.113	0.103	0.093	0.083	0.067	0.056	0.048	0.0	0.0
2	11 3 68	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.069	0.065	0.039	0.0
3	11 9 68	0.150	0.150	0.150	0.150	0.115	0.079	0.074	0.065	0.050	0.035	0.025
4	11 12 68	0.168	0.168	0.168	0.168	0.168	0.168	0.152	0.0	0.0	0.0	0.0
5	11 18 68	0.096	0.096	0.096	0.096	0.096	0.096	0.081	0.049	0.042	0.025	0.0
6	12 25 68	0.086	0.086	0.086	0.086	0.086	0.085	0.079	0.063	0.051	0.045	0.031
7	12 25 68	0.124	0.124	0.124	0.124	0.124	0.101	0.068	0.060	0.0	0.0	0.0
MAXIMUM INTENSITY		0.191	0.168	0.168	0.168	0.168	0.168	0.152	0.069	0.065	0.045	0.031



RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035X01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	10 14 68	0.082	0.082	0.082	0.082	0.082	0.082	0.068	0.055	0.052	0.0	0.0	
2	11 3 68	0.086	0.086	0.086	0.086	0.086	0.086	0.085	0.081	0.074	0.044	0.0	
3	11 9 68	0.075	0.075	0.075	0.075	0.075	0.065	0.054	0.049	0.039	0.033	0.0	
4	12 24 68	0.113	0.113	0.113	0.113	0.113	0.113	0.112	0.091	0.073	0.050	0.032	
MAXIMUM INTENSITY		0.113	0.113	0.113	0.113	0.113	0.113	0.112	0.091	0.074	0.050	0.032	

STATION 33015X87

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1959

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.110	0.059	0.0	0.020	0.0	0.0	0.0	0.0	0.101	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.177	0.0	0.0
3	0.0	0.0	0.059	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.041	0.029	0.021	0.0	0.095	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.144	0.030	0.462	0.0	0.011	0.0	0.0	0.0	0.0	0.011	0.0
7	0.325	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.183	0.0
8	0.0	0.0	0.147	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.082	0.045	0.0	0.0	0.455	0.0	0.0	0.0	0.080	0.0	0.0
10	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.256
11	0.026	0.0	0.0	0.0	0.0	0.424	0.0	0.0	0.0	0.0	0.0	0.016
12	0.458	0.165	0.0	0.0	0.0	0.021	0.0	0.0	0.0	0.190	0.0	0.016
13	0.375	0.0	0.0	0.0	0.097	0.041	0.0	0.0	0.0	0.0	0.0	0.160
14	0.0	0.0	0.0	0.0	0.043	0.0	0.0	0.0	0.0	0.0	0.0	0.016
15	0.168	0.160	0.0	0.0	0.205	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.022	0.0
17	0.0	0.0	0.059	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.032	0.0
18	0.068	0.0	0.036	0.237	0.0	0.0	0.0	0.0	0.0	0.359	0.0	0.0
19	0.959	0.0	0.0	0.0	0.151	0.156	0.0	0.0	0.0	0.0	0.0	0.0
20	1.183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.156
21	0.661	0.060	0.0	0.0	0.0	0.031	0.0	0.0	0.060	0.0	0.0	0.178
22	0.139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.224
23	0.184	0.040	0.012	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.120	0.0	0.010	0.0	0.249	0.0	0.0	0.0	0.0	0.0	0.224
25	0.232	0.040	0.0	0.0	0.0	0.0	0.210	0.0	0.0	0.0	0.0	0.0
26	0.184	0.0	0.0	0.0	0.0	0.062	0.040	0.0	0.0	0.0	0.0	0.0
27	0.077	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.056
28	0.509	0.0	0.0	0.0	0.0	0.176	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.135	0.0	0.0	0.0	0.120	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0
31	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	5.528	0.983	0.476	0.750	0.516	1.856	0.260	0.0	0.160	1.207	0.248	1.302
YEARLY TOTAL	13.286											

STATION 33022X88

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1959

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.175	0.080	0.0	0.010	0.0	0.0	0.0	0.0	0.251	0.0	0.0
2	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.034	0.0	0.0
3	0.0	0.0	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030
5	0.0	0.051	0.053	0.128	0.0	0.022	0.0	0.0	0.0	0.0	0.020	0.0
6	0.011	0.164	0.094	0.371	0.0	0.043	0.0	0.0	0.0	0.0	0.150	0.0
7	0.322	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.133	0.0	0.0	0.603	0.0	0.0	0.0	0.139	0.0	0.191
9	0.0	0.102	0.055	0.0	0.0	0.043	0.0	0.0	0.040	0.038	0.0	0.027
10	0.011	0.025	0.0	0.0	0.0	0.457	0.0	0.0	0.0	0.152	0.0	0.055
11	0.200	0.0	0.0	0.0	0.0	0.028	0.0	0.0	0.0	0.0	0.0	0.260
12	0.545	0.100	0.0	0.0	0.190	0.0	0.0	0.0	0.0	0.0	0.0	0.028
13	0.300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014
14	0.0	0.044	0.0	0.0	0.297	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.188	0.224	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.239	0.050	0.0
16	0.0	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.477	0.030	0.0
17	0.0	0.0	0.067	0.041	0.0	0.0	0.0	0.0	0.0	0.023	0.0	0.0
18	0.096	0.0	0.056	0.164	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.855	0.0	0.0	0.0	0.237	0.140	0.0	0.0	0.0	0.0	0.0	0.197
20	1.377	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.233
21	1.302	0.089	0.0	0.0	0.0	0.030	0.0	0.0	0.020	0.0	0.0	0.407
22	0.161	0.067	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012
23	0.188	0.067	0.0	0.060	0.0	0.320	0.0	0.0	0.0	0.0	0.0	0.290
24	0.0	0.313	0.0	0.020	0.0	0.0	0.180	0.0	0.0	0.0	0.0	0.0
25	0.431	0.044	0.0	0.0	0.0	0.080	0.077	0.0	0.0	0.0	0.0	0.070
26	0.395	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.058
27	0.205	0.013	0.0	0.0	0.010	0.140	0.0	0.0	0.0	0.121	0.0	0.0
28	0.367	0.027	0.0	0.0	0.0	0.120	0.0	0.010	0.0	0.055	0.0	0.0
29	0.027	0.0	0.0	0.020	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.204	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.225	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	8.410	1.613	0.623	0.804	0.764	2.026	0.257	0.010	0.130	1.529	0.250	1.872

YEARLY TOTAL 18.287

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

STATION 33028X18

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.455	0.123	0.0	0.0	0.0	0.0	0.0	0.0	0.160	0.0	0.0
2	0.123	0.172	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.070	0.0	0.0
3	0.0	0.0	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.039
5	0.0	0.095	0.063	0.034	0.0	0.040	0.020	0.0	0.0	0.0	0.030	0.0
6	0.0	0.152	0.063	0.539	0.0	0.050	0.010	0.0	0.0	0.0	0.170	0.0
7	0.370	0.0	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.020
8	0.0	0.0	0.146	0.0	0.010	0.410	0.0	0.0	0.0	0.092	0.0	0.216
9	0.0	0.114	0.062	0.0	0.0	0.060	0.0	0.0	0.078	0.013	0.0	0.0
10	0.0	0.0	0.021	0.0	0.0	0.330	0.0	0.0	0.026	0.263	0.0	0.039
11	0.087	0.0	0.0	0.0	0.010	0.030	0.0	0.0	0.0	0.0	0.0	0.352
12	0.506	0.114	0.0	0.0	0.210	0.0	0.0	0.0	0.0	0.0	0.0	0.156
13	0.358	0.0	0.0	0.014	0.130	0.0	0.0	0.0	0.0	0.0	0.0	0.020
14	0.0	0.0	0.0	0.0	0.250	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.236	0.175	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.039	0.030	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.222	0.040	0.020
17	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.380	0.0	0.0
18	0.124	0.088	0.030	0.182	0.030	0.0	0.0	0.0	0.026	0.0	0.0	0.0
19	1.217	0.0	0.0	0.0	0.080	0.232	0.0	0.0	0.026	0.0	0.0	0.231
20	1.415	0.0	0.0	0.0	0.0	0.021	0.0	0.0	0.129	0.0	0.0	0.264
21	1.315	0.175	0.0	0.0	0.0	0.127	0.0	0.0	0.078	0.0	0.0	0.286
22	0.149	0.0	0.040	0.0	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.019
23	0.136	0.263	0.0	0.056	0.0	0.577	0.0	0.0	0.0	0.0	0.0	0.464
24	0.0	0.263	0.010	0.056	0.0	0.0	0.220	0.0	0.0	0.0	0.0	0.0
25	0.298	0.088	0.0	0.0	0.0	0.232	0.040	0.0	0.0	0.0	0.0	0.037
26	0.050	0.0	0.0	0.0	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.019
27	0.031	0.0	0.0	0.0	0.0	0.296	0.0	0.0	0.0	0.030	0.0	0.0
28	0.282	0.0	0.0	0.0	0.0	0.338	0.0	0.0	0.0	0.030	0.0	0.0
29	0.0		0.0	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.282		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.156		0.017		0.0		0.0	0.0		0.0		0.0
TOTAL	7.135	2.154	0.749	0.903	0.731	2.937	0.290	0.0	0.363	1.299	0.320	2.182

YEARLY TOTAL 19.062

STATION 33033X58

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.199	0.189	0.0	0.0	0.0	0.0	0.0	0.0	0.121	0.0	0.0
2	0.039	0.080	0.0	0.0	0.0	0.0	0.011	0.0	0.0	0.186	0.0	0.0
3	0.0	0.0	0.048	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.026	0.0	0.024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030
5	0.0	0.103	0.048	0.056	0.0	0.020	0.0	0.0	0.0	0.0	0.058	0.0
6	0.0	0.227	0.048	0.538	0.0	0.130	0.040	0.0	0.0	0.0	0.174	0.0
7	0.260	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.023	0.014
8	0.0	0.0	0.213	0.0	0.0	0.370	0.0	0.0	0.0	0.191	0.0	0.199
9	0.0	0.144	0.072	0.0	0.0	0.090	0.0	0.0	0.030	0.0	0.0	0.014
10	0.0	0.021	0.048	0.038	0.0	0.260	0.0	0.0	0.0	0.274	0.0	0.085
11	0.143	0.041	0.0	0.019	0.0	0.080	0.0	0.0	0.0	0.0	0.0	0.483
12	0.539	0.185	0.0	0.0	0.150	0.050	0.0	0.0	0.0	0.0	0.0	0.113
13	0.319	0.0	0.0	0.0	0.140	0.0	0.0	0.0	0.0	0.0	0.0	0.014
14	0.0	0.056	0.0	0.0	0.280	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.121	0.283	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.065	0.093	0.0
16	0.0	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.217	0.023	0.0
17	0.0	0.028	0.141	0.0	0.0	0.0	0.0	0.0	0.0	0.391	0.0	0.0
18	0.149	0.0	0.047	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0
19	1.458	0.0	0.0	0.0	0.110	0.080	0.0	0.0	0.0	0.0	0.0	0.290
20	1.097	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.228
21	1.098	0.141	0.0	0.0	0.0	0.050	0.0	0.0	0.050	0.0	0.0	0.411
22	0.156	0.056	0.031	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.061
23	0.095	0.141	0.0	0.128	0.0	0.300	0.0	0.0	0.0	0.0	0.0	0.576
24	0.0	0.283	0.0	0.048	0.0	0.0	0.150	0.0	0.0	0.0	0.0	0.0
25	0.482	0.056	0.0	0.016	0.0	0.173	0.0	0.0	0.0	0.0	0.0	0.157
26	0.265	0.0	0.0	0.0	0.0	0.011	0.0	0.020	0.0	0.0	0.0	0.050
27	0.330	0.0	0.0	0.0	0.0	0.108	0.0	0.0	0.0	0.0	0.0	0.0
28	0.440	0.0	0.0	0.0	0.0	0.248	0.0	0.0	0.0	0.207	0.0	0.0
29	0.0	0.0	0.0	0.018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.219	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.080	0.037	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	7.316	2.100	0.946	0.859	0.680	1.990	0.201	0.020	0.150	1.652	0.371	2.735

YEARLY TOTAL 19.020

STATION 33035X01

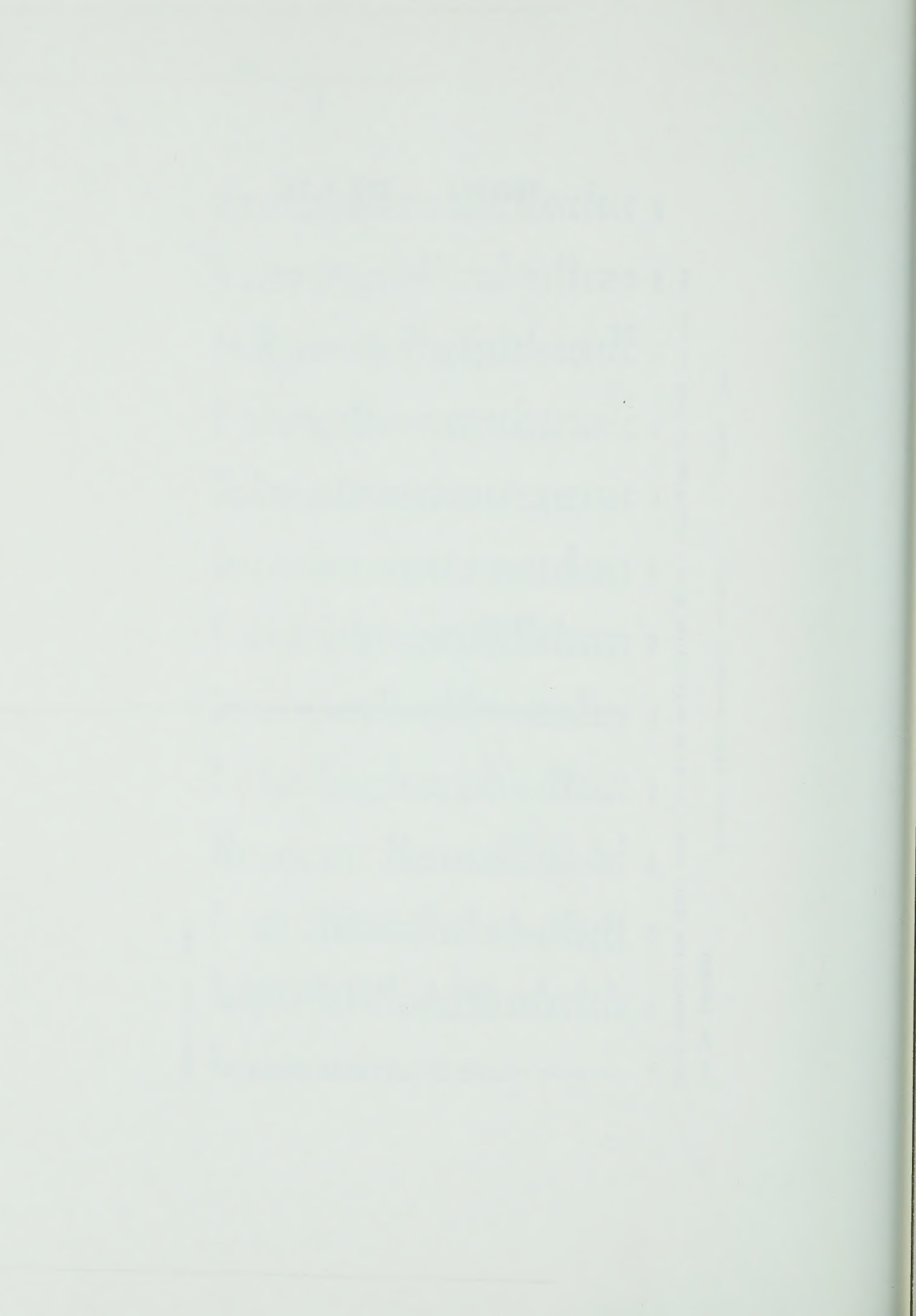
REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.60 FOR YEAR 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.067	0.103	0.0	0.0	0.0	0.0	0.0	0.0	0.110	0.0	0.0
2	0.079	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.290	0.0	0.0
3	0.0	0.0	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.045	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.010
5	0.0	0.041	0.104	0.043	0.0	0.0	0.020	0.0	0.0	0.0	0.040	0.0
6	0.0	0.083	0.041	0.239	0.0	0.080	0.0	0.0	0.0	0.0	0.200	0.0
7	0.163	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.309	0.0	0.0	0.630	0.0	0.0	0.0	0.164	0.0	0.220
9	0.0	0.226	0.063	0.0	0.0	0.085	0.0	0.0	0.090	0.0	0.0	0.028
10	0.0	0.0	0.021	0.0	0.0	0.642	0.0	0.0	0.0	0.095	0.010	0.093
11	0.222	0.0	0.0	0.065	0.0	0.128	0.0	0.0	0.0	0.0	0.0	0.193
12	0.592	0.187	0.0	0.0	0.080	0.057	0.0	0.0	0.0	0.0	0.0	0.056
13	0.268	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.027	0.0	0.055
14	0.0	0.0	0.0	0.0	0.300	0.0	0.0	0.0	0.0	0.0	0.0	0.028
15	0.103	0.114	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.060	0.0
16	0.0	0.057	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.164	0.020	0.0
17	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.462	0.0	0.0
18	0.059	0.0	0.056	0.112	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.199	0.0	0.0	0.0	0.300	0.080	0.0	0.0	0.0	0.0	0.0	0.250
20	1.423	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.0	0.0	0.170
21	1.083	0.076	0.0	0.0	0.0	0.040	0.0	0.0	0.010	0.0	0.0	0.390
22	0.0	0.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.022	0.038	0.0	0.040	0.0	0.510	0.0	0.0	0.0	0.0	0.0	0.244
24	0.011	0.133	0.0	0.030	0.0	0.0	0.150	0.0	0.0	0.0	0.0	0.0
25	0.101	0.0	0.0	0.0	0.0	0.140	0.0	0.0	0.0	0.0	0.0	0.175
26	0.034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.105
27	0.045	0.021	0.0	0.0	0.0	0.080	0.0	0.0	0.0	0.020	0.0	0.0
28	0.168	0.0	0.0	0.0	0.0	0.120	0.0	0.010	0.0	0.030	0.0	0.0
29	0.0		0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
30	0.078		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.043		0.0		0.0	0.0		0.0		0.0
TOTAL	5.695	1.118	0.872	0.529	0.740	2.602	0.170	0.010	0.180	1.363	0.330	2.007

YEARLY TOTAL 15.616



WATERSHED - 33022007

REYNOLDS CREEK EXPERIMENTAL WATERSHED
RABBIT CREEK STUDY BASIN (2360 ACRES)

BOISE, IDAHO

THESSIAN WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.158	0.109	C.C	0.005	0.0	0.0	0.0	0.0	0.146	0.0	0.0
2	0.060	0.080	0.0	C.C	0.003	0.0	0.003	0.0	0.0	0.157	0.0	0.0
3	0.0	0.0	0.050	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.015	0.0	0.011	C.C	0.005	0.0	0.0	0.0	0.0	0.0	0.008	0.022
5	0.0	0.065	0.064	0.052	0.0	0.033	0.011	0.0	0.0	0.0	0.032	0.0
6	0.002	0.143	0.054	0.418	0.0	0.054	0.008	0.0	0.0	0.0	0.178	0.0
7	0.234	0.002	0.011	C.C	C.0	0.0	C.C	0.0	0.0	0.0	0.008	0.007
8	0.0	0.0	0.197	0.0	0.003	0.503	0.0	0.0	0.0	0.130	0.0	0.217
9	0.0	0.141	0.061	C.C	C.0	0.059	0.0	0.0	0.067	0.010	0.0	0.016
10	0.002	0.010	0.018	0.005	C.0	0.442	0.0	C.C	0.007	0.189	0.003	0.056
11	0.129	0.005	0.0	0.020	0.003	0.062	0.0	0.0	0.0	0.0	0.0	C.280
12	0.532	0.149	0.0	0.0	0.145	0.029	0.0	0.0	0.0	0.0	0.0	0.079
13	0.315	0.0	0.0	0.004	0.069	0.0	C.C	C.C	0.0	0.007	0.0	0.025
14	0.0	0.015	0.0	0.0	0.267	0.0	0.0	0.0	0.0	0.0	0.0	0.008
15	0.166	0.178	0.0	C.C	C.0	C.0	0.0	0.0	0.0	0.069	0.048	0.0
16	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.221	0.029	0.005
17	0.0	0.004	0.077	C.C07	C.0	0.0	0.0	0.0	0.0	0.343	0.0	C.0
18	0.096	0.024	0.044	C.145	0.011	0.0	0.0	0.0	0.010	0.0	0.0	0.0
19	1.202	C.0	0.0	C.0	0.181	0.143	0.0	0.0	0.009	0.0	0.0	0.226
20	1.330	0.0	0.0	C.C	C.0	0.006	0.0	0.0	0.083	0.0	0.0	0.214
21	1.114	0.111	0.0	0.0	C.0	0.063	0.0	0.0	0.038	0.0	0.0	0.340
22	0.110	0.023	0.018	0.0	0.0	0.007	0.0	0.0	0.0	0.0	0.0	0.015
23	0.116	0.116	0.002	C.C56	C.0	0.454	0.0	0.0	0.0	0.0	0.0	0.352
24	0.003	0.215	0.003	0.035	C.0	0.0	0.184	0.0	0.0	0.0	0.0	0.0
25	0.279	0.045	0.0	C.C02	0.0	0.147	0.030	0.0	0.0	0.0	0.0	0.099
26	0.151	0.0	0.0	C.C	C.0	0.018	0.0	0.003	0.0	0.0	0.0	0.051
27	0.110	C.C08	0.0	0.0	0.002	0.167	0.0	0.0	0.0	0.052	0.0	0.0
28	0.322	0.004	0.0	0.0	0.0	0.198	0.0	0.004	0.0	0.059	0.0	C.0
29	0.004	C.0	0.0	0.011	0.002	0.003	0.0	0.0	0.0	0.0	0.0	0.0
30	0.159	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.120	0.0	0.021	C.C	0.002	C.0	C.C	0.0	0.0	0.0	0.0	0.0
TOTAL	6.730	1.530	0.741	0.754	0.696	2.358	0.235	0.007	0.214	1.385	0.307	2.012

YEARLY TOTAL 17.009

1. The first part of the book is devoted to a general
introduction of the subject matter.
2. The second part contains a detailed description of
the various methods used in the study.
3. The third part discusses the results of the experiments
and compares them with the theoretical predictions.
4. The fourth part is a summary of the findings and
concludes with some suggestions for further research.
5. The fifth part is a list of references and a
subject index.

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015x87 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	7	69	0.125	0.125	0.125	0.125	0.125	0.113	0.076	0.058	0.049	0.0	0.0
2	1	12	69	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.055	0.049	0.032	0.0
3	1	13	69	0.080	0.080	0.080	0.080	0.080	0.080	0.074	0.064	0.055	0.0	0.0
4	1	21	69	0.312	0.312	0.312	0.312	0.253	0.171	0.146	0.121	0.108	0.085	0.052
5	1	21	69	0.099	0.099	0.099	0.099	0.099	0.099	0.096	0.0	0.0	0.0	0.0
6	1	28	69	0.138	0.138	0.138	0.138	0.138	0.138	0.118	0.077	0.066	0.0	0.0
7	4	5	69	0.210	0.210	0.180	0.150	0.120	0.088	0.062	0.054	0.047	0.034	0.0
8	6	8	69	1.745	1.745	1.443	1.141	0.825	0.420	0.218	0.0	0.0	0.0	0.0
9	6	10	69	1.450	1.450	1.190	0.930	0.669	0.409	0.210	0.0	0.0	0.0	0.0
10	10	17	69	0.199	0.199	0.199	0.199	0.199	0.188	0.141	0.084	0.059	0.0	0.0
11	12	9	69	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.038	0.032	0.021	0.0
12	12	21	69	0.121	0.121	0.121	0.121	0.121	0.098	0.064	0.042	0.030	0.017	0.015
MAXIMUM INTENSITY				1.745	1.745	1.443	1.141	0.825	0.420	0.218	0.121	0.108	0.085	0.052

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022X83 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 7 69	0.196	0.196	0.196	0.196	0.196	0.190	0.116	0.064	0.052	0.0	0.0	
2	1 12 69	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.070	0.061	0.041	0.0	
3	1 13 69	0.075	0.075	0.075	0.075	0.075	0.075	0.063	0.051	0.047	0.0	0.0	
4	1 21 69	0.681	0.681	0.681	0.681	0.514	0.344	0.239	0.174	0.164	0.133	0.092	
5	1 25 69	0.077	0.077	0.077	0.077	0.077	0.077	0.071	0.060	0.056	0.0	0.0	
6	1 23 69	0.156	0.156	0.156	0.156	0.156	0.128	0.097	0.080	0.064	0.045	0.0	
7	2 1 69	0.084	0.084	0.084	0.084	0.084	0.084	0.072	0.052	0.044	0.029	0.0	
8	2 25 69	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.047	0.038	0.029	0.0	
9	4 6 69	0.081	0.081	0.081	0.081	0.081	0.056	0.034	0.033	0.030	0.025	0.0	
10	5 14 69	0.439	0.439	0.439	0.439	0.439	0.261	0.132	0.072	0.049	0.0	0.0	
11	6 8 69	2.004	2.004	1.788	1.680	1.139	0.593	0.299	0.0	0.0	0.0	0.0	
12	6 11 69	1.226	1.226	1.154	0.904	0.654	0.403	0.218	0.113	0.078	0.0	0.0	
13	6 23 69	0.160	0.160	0.160	0.124	0.089	0.067	0.066	0.047	0.032	0.023	0.0	
14	10 1 69	0.325	0.325	0.325	0.312	0.227	0.142	0.095	0.0	0.0	0.0	0.0	
15	10 16 69	0.206	0.206	0.206	0.206	0.206	0.206	0.169	0.108	0.077	0.0	0.0	
16	12 11 69	0.062	0.062	0.062	0.062	0.062	0.062	0.058	0.044	0.037	0.0	0.0	
17	12 21 69	0.137	0.137	0.137	0.137	0.137	0.130	0.101	0.088	0.061	0.0	0.0	
18	12 23 69	0.040	0.040	0.040	0.038	0.038	0.038	0.038	0.035	0.031	0.021	0.0	
MAXIMUM INTENSITY		2.004	2.004	1.788	1.680	1.139	0.593	0.299	0.174	0.164	0.133	0.092	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33028X18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	7	69	0.086	0.086	0.086	0.086	0.086	0.086	0.079	0.067	0.057	0.0	0.0
2	1	12	69	0.091	0.091	0.091	0.091	0.091	0.087	0.080	0.073	0.057	0.039	0.0
3	1	13	69	0.171	0.171	0.171	0.171	0.160	0.126	0.104	0.074	0.0	0.0	0.0
4	1	21	69	0.189	0.189	0.189	0.189	0.189	0.189	0.166	0.154	0.151	0.128	0.089
5	1	25	69	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.047	0.041	0.0	0.0
6	1	29	69	0.234	0.234	0.234	0.234	0.163	0.092	0.057	0.035	0.027	0.023	0.0
7	1	30	69	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.032	0.028	0.0	0.0
8	2	1	69	0.115	0.115	0.115	0.115	0.115	0.115	0.096	0.065	0.053	0.041	0.0
9	2	23	69	0.155	0.155	0.155	0.155	0.155	0.155	0.0	0.0	0.0	0.0	0.0
10	2	25	69	0.106	0.106	0.106	0.106	0.106	0.092	0.059	0.042	0.040	0.0	0.0
11	4	6	69	0.197	0.197	0.197	0.197	0.197	0.155	0.087	0.063	0.058	0.038	0.0
12	5	14	69	0.650	0.650	0.520	0.390	0.263	0.236	0.125	0.094	0.0	0.0	0.0
13	6	8	69	2.700	1.860	1.405	1.073	0.742	0.394	0.0	0.0	0.0	0.0	0.0
14	6	10	69	0.675	0.675	0.675	0.562	0.412	0.262	0.143	0.080	0.0	0.0	0.0
15	6	23	69	0.283	0.283	0.283	0.262	0.259	0.209	0.138	0.082	0.060	0.051	0.0
16	6	27	69	0.423	0.423	0.423	0.385	0.271	0.157	0.106	0.063	0.043	0.0	0.0
17	6	28	69	0.633	0.633	0.633	0.633	0.475	0.317	0.0	0.0	0.0	0.0	0.0
18	10	10	69	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.040	0.035	0.0	0.0
19	10	17	69	0.062	0.062	0.062	0.062	0.062	0.062	0.061	0.046	0.034	0.030	0.0
20	12	11	69	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.060	0.049	0.0	0.0
21	12	20	69	0.143	0.143	0.143	0.143	0.143	0.143	0.094	0.059	0.0	0.0	0.0
22	12	21	69	0.141	0.141	0.141	0.141	0.135	0.089	0.066	0.056	0.043	0.0	0.0
23	12	23	69	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.074	0.062	0.0	0.0
MAXIMUM INTENSITY				2.700	1.860	1.405	1.073	0.742	0.394	0.166	0.154	0.151	0.128	0.089

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033X58 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM INTENSITIES														
STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	7	69	0.068	0.068	0.068	0.068	0.068	0.068	0.060	0.047	0.039	0.0	0.0
2	1	12	69	0.247	0.247	0.247	0.207	0.153	0.099	0.071	0.061	0.058	0.043	0.0
3	1	13	69	0.113	0.113	0.113	0.113	0.113	0.113	0.086	0.064	0.049	0.0	0.0
4	1	21	69	0.222	0.220	0.220	0.220	0.220	0.214	0.159	0.124	0.119	0.093	0.069
5	1	25	69	0.110	0.110	0.110	0.110	0.110	0.110	0.083	0.070	0.061	0.0	0.0
6	1	28	69	0.240	0.188	0.171	0.163	0.160	0.157	0.151	0.107	0.086	0.0	0.0
7	2	25	69	0.049	0.049	0.049	0.049	0.049	0.049	0.048	0.045	0.039	0.024	0.0
8	4	6	69	0.178	0.178	0.178	0.178	0.178	0.151	0.091	0.057	0.066	0.041	0.0
9	5	14	69	0.600	0.600	0.560	0.420	0.417	0.250	0.125	0.0	0.0	0.0	0.0
10	6	8	69	0.967	0.967	0.967	0.884	0.635	0.353	0.182	0.0	0.0	0.0	0.0
11	6	11	69	0.440	0.440	0.440	0.370	0.300	0.186	0.102	0.060	0.043	0.027	0.0
12	6	23	69	0.048	0.048	0.048	0.048	0.048	0.048	0.046	0.031	0.022	0.021	0.0
13	10	10	69	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.051	0.044	0.0	0.0
14	10	17	69	0.101	0.101	0.101	0.101	0.101	0.101	0.079	0.054	0.041	0.0	0.0
15	12	11	69	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.075	0.064	0.039	0.0
16	12	19	69	0.120	0.120	0.120	0.120	0.120	0.120	0.075	0.050	0.040	0.0	0.0
17	12	21	69	0.119	0.119	0.119	0.119	0.119	0.119	0.116	0.094	0.0	0.0	0.0
18	12	23	69	0.375	0.205	0.149	0.121	0.093	0.065	0.051	0.049	0.041	0.038	0.0
MAXIMUM INTENSITY				0.967	0.967	0.967	0.384	0.635	0.353	0.182	0.124	0.119	0.093	0.069

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035X01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS					
		5	10	15	20	30	1	2	4	6	12	24
1	1 12 69	0.087	0.087	0.087	0.087	0.087	0.083	0.073	0.065	0.058	0.046	0.0
2	1 13 69	0.076	0.076	0.076	0.076	0.076	0.076	0.070	0.048	0.038	0.0	0.0
3	1 21 69	0.383	0.383	0.353	0.305	0.284	0.249	0.217	0.173	0.163	0.140	0.087
4	3 8 69	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.022	0.017	0.0
5	5 14 69	0.648	0.648	0.648	0.648	0.600	0.300	0.150	0.0	0.0	0.0	0.0
6	5 19 69	0.643	0.643	0.604	0.470	0.336	0.183	0.105	0.0	0.0	0.0	0.0
7	6 8 69	2.062	2.062	2.062	1.677	1.164	0.608	0.310	0.0	0.0	0.0	0.0
8	6 11 69	1.101	1.101	1.042	0.832	0.622	0.413	0.261	0.150	0.106	0.062	0.0
9	6 23 69	0.257	0.257	0.243	0.192	0.142	0.120	0.075	0.045	0.048	0.033	0.0
10	10 2 69	0.457	0.457	0.457	0.457	0.346	0.212	0.141	0.0	0.0	0.0	0.0
11	10 17 69	1.400	0.859	0.588	0.453	0.318	0.183	0.101	0.054	0.040	0.039	0.0
12	12 21 69	0.178	0.178	0.178	0.178	0.178	0.170	0.136	0.095	0.0	0.0	0.0
MAXIMUM INTENSITY		2.062	2.062	2.062	1.677	1.164	0.608	0.310	0.173	0.163	0.140	0.087

STATION 33015487

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.039	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.015
2	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.044
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.146
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.582	0.0	0.035	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.350	0.090	0.063	0.0	0.209	0.0
6	0.0	0.0	0.0	0.0	0.052	0.010	0.040	0.0	0.0	0.0	0.122	0.0
7	0.0	0.0	0.604	0.0	0.0	0.060	0.0	0.0	0.0	0.0	0.010	0.156
8	0.133	0.0	0.091	0.0	0.104	0.010	0.040	0.0	0.0	0.0	0.020	0.103
9	0.152	0.0	0.0	0.0	0.176	0.010	0.0	0.0	0.0	0.040	0.160	0.010
10	0.114	0.0	0.0	0.574	0.104	0.120	0.0	0.0	0.0	0.030	0.0	0.0
11	0.0	0.0	0.129	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.330	0.062
12	0.057	0.214	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.020	0.0
13	0.019	0.0	0.0	0.500	0.052	0.050	0.0	0.0	0.0	0.0	0.0	0.0
14	0.178	0.0	0.208	0.465	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.062
16	0.279	0.118	0.496	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.010	0.103
17	0.155	0.273	0.144	0.0	0.0	0.180	0.0	0.0	0.0	0.0	0.0	0.0
18	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0
19	0.052	0.0	0.0	0.256	0.0	0.0	0.0	0.0	0.257	0.0	0.0	0.0
20	0.010	0.0	0.0	0.0	0.073	0.0	0.030	0.0	0.101	0.100	0.0	0.034
21	0.456	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.034
22	0.303	0.0	0.0	0.0	0.087	0.0	0.0	0.0	0.0	0.030	0.116	0.068
23	0.077	0.0	0.0	0.0	0.356	0.080	0.0	0.0	0.0	0.297	0.248	0.0
24	0.352	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.024	0.306	0.0
25	0.0	0.0	0.0	0.172	0.0	0.0	0.0	0.0	0.0	0.208	0.264	0.0
26	0.554	0.0	0.112	0.155	0.044	0.050	0.0	0.0	0.0	0.023	0.044	0.034
27	0.722	0.0	0.0	0.017	0.0	0.260	0.040	0.0	0.0	0.0	0.0	0.0
28	0.0	0.180	0.0	0.086	0.0	0.310	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.020	0.0	0.0	0.120	0.0	0.0	0.0	0.0	0.483	0.134
30	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.053	0.0	0.0	0.117	0.0
31	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.063	0.0	0.0	0.0	0.088
TOTAL	3.765	0.785	1.942	2.235	1.048	1.290	0.510	0.206	1.003	0.762	2.504	1.093

YEARLY TOTAL 17.143

STATION 33022X88

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.098	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.096
2	0.0	0.0	0.086	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.176
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.400
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.711	0.0	0.022	0.032
5	0.0	0.0	0.0	0.0	0.053	0.0	0.430	0.090	0.055	0.0	0.245	0.0
6	0.0	0.0	0.0	0.0	0.018	0.011	0.020	0.0	0.0	0.010	0.050	0.0
7	0.0	0.0	0.655	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.173
8	0.304	0.0	0.142	0.0	0.100	0.021	0.0	0.0	0.0	0.0	0.030	0.259
9	0.266	0.0	0.0	0.0	0.190	0.032	0.0	0.0	0.0	0.033	0.220	0.0
10	0.172	0.0	0.0	0.370	0.200	0.084	0.0	0.0	0.0	0.065	0.0	0.0
11	0.0	0.0	0.167	0.010	0.0	0.0	0.0	0.0	0.0	0.011	0.220	0.036
12	0.137	0.246	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.011	0.030	0.012
13	0.034	0.0	0.0	0.560	0.040	0.075	0.0	0.0	0.0	0.0	0.0	0.0
14	0.219	0.0	0.258	0.886	0.010	0.032	0.0	0.0	0.0	0.0	0.0	0.012
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.037
16	0.353	0.160	0.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.184
17	0.264	0.345	0.195	0.0	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.0
18	0.110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.050	0.0
19	0.110	0.0	0.0	0.300	0.010	0.0	0.0	0.0	0.330	0.011	0.0	0.0
20	0.030	0.0	0.0	0.0	0.040	0.0	0.020	0.0	0.090	0.109	0.012	0.090
21	0.487	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.043	0.0	0.018
22	0.403	0.0	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.032	0.136	0.036
23	0.082	0.0	0.0	0.0	0.370	0.112	0.0	0.0	0.0	0.378	0.209	0.0
24	0.219	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.320	0.018
25	0.0	0.0	0.0	0.228	0.0	0.0	0.0	0.0	0.0	0.146	0.222	0.0
26	0.794	0.0	0.177	0.247	0.030	0.051	0.0	0.0	0.0	0.156	0.086	0.018
27	0.957	0.0	0.0	0.0	0.020	0.275	0.030	0.0	0.0	0.0	0.012	0.0
28	0.0	0.223	0.0	0.141	0.0	0.388	0.0	0.0	0.0	0.0	0.0	0.198
29	0.0		0.062	0.018	0.0	0.122	0.0	0.0	0.0	0.0	0.485	0.269
30	0.0		0.185	0.0	0.0	0.031	0.0	0.119	0.0	0.0	0.286	0.018
31	0.050		0.0		0.0		0.0	0.032		0.0		0.137
TOTAL	5.021	0.974	2.526	2.760	1.181	1.295	0.510	0.241	1.195	1.038	2.697	2.289

YEARLY TOTAL 21.727

STATION 33028x18

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.020	0.052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.112
2	0.023	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.096
3	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.176
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.620	0.0	0.012	0.016
5	0.0	0.0	0.0	0.0	0.0	0.0	0.410	0.170	0.060	0.0	0.223	0.032
6	0.0	0.0	0.0	0.0	0.020	0.0	0.080	0.0	0.0	0.0	0.110	0.0
7	0.0	0.010	0.628	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.010	0.214
8	0.273	0.0	0.172	0.0	0.194	0.050	0.0	0.0	0.020	0.010	0.040	0.254
9	0.273	0.0	0.0	0.0	0.215	0.0	0.0	0.0	0.0	0.052	0.270	0.127
10	0.100	0.0	0.012	0.370	0.205	0.190	0.0	0.0	0.0	0.093	0.0	0.064
11	0.0	0.0	0.123	0.019	0.022	0.0	0.020	0.0	0.0	0.0	0.240	0.0
12	0.0	0.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.030	0.0
13	0.020	0.0	0.0	0.657	0.065	0.090	0.0	0.0	0.0	0.0	0.0	0.0
14	0.140	0.0	0.163	0.482	0.0	0.040	0.0	0.0	0.0	0.0	0.0	0.279
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.500	0.229	0.494	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.200	0.230	0.172	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0
18	0.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.080	0.0
19	0.050	0.0	0.0	0.273	0.0	0.0	0.0	0.0	0.344	0.010	0.0	0.0
20	0.030	0.0	0.0	0.0	0.141	0.0	0.040	0.0	0.119	0.104	0.021	0.091
21	0.450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.052	0.0	0.065
22	0.360	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.062	0.139	0.026
23	0.0	0.0	0.0	0.0	0.490	0.060	0.0	0.0	0.0	0.282	0.138	0.013
24	0.210	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012	0.390	0.0
25	0.0	0.0	0.0	0.205	0.0	0.0	0.0	0.0	0.0	0.118	0.212	0.0
26	0.434	0.0	0.176	0.334	0.060	0.060	0.0	0.0	0.0	0.293	0.074	0.026
27	0.631	0.0	0.0	0.0	0.0	0.300	0.010	0.0	0.0	0.0	0.0	0.013
28	0.0	0.123	0.053	0.060	0.0	0.447	0.0	0.0	0.0	0.0	0.0	0.052
29	0.0	0.0	0.036	0.010	0.010	0.204	0.0	0.0	0.0	0.0	0.448	0.131
30	0.0	0.0	0.247	0.0	0.0	0.0	0.0	0.100	0.0	0.0	0.271	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.012	0.0	0.130
TOTAL	3.824	0.742	2.394	2.420	1.492	1.501	0.560	0.320	1.163	1.121	2.707	1.917

YEARLY TOTAL 20.160

STATION 33033M58

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.086
2	0.0	0.0	0.108	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.068
3	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.240
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.720	0.0	0.0	0.034
5	0.0	0.0	0.0	0.0	0.143	0.0	0.570	0.070	0.080	0.0	0.089	0.0
6	0.0	0.0	0.0	0.0	0.048	0.057	0.032	0.0	0.0	0.020	0.053	0.0
7	0.0	0.0	0.728	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.266
8	0.107	0.0	0.084	0.0	0.271	0.091	0.0	0.0	0.0	0.0	0.060	0.280
9	0.201	0.0	0.0	0.0	0.257	0.011	0.0	0.0	0.0	0.069	0.340	0.042
10	0.120	0.0	0.0	0.428	0.201	0.228	0.0	0.0	0.0	0.125	0.0	0.0
11	0.040	0.0	0.056	0.039	0.029	0.0	0.0	0.0	0.0	0.0	0.350	0.056
12	0.094	0.178	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.011	0.030	0.0
13	0.040	0.0	0.0	0.545	0.057	0.091	0.0	0.0	0.0	0.0	0.0	0.0
14	0.175	0.0	0.323	1.208	0.0	0.046	0.0	0.0	0.0	0.0	0.0	0.028
15	0.0	0.0	0.019	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.042
16	0.744	0.226	0.380	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.196
17	0.262	0.178	0.038	0.0	0.0	0.057	0.0	0.0	0.0	0.011	0.0	0.0
18	0.209	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0
19	0.110	0.0	0.0	0.206	0.0	0.0	0.0	0.0	0.409	0.0	0.0	0.0
20	0.020	0.0	0.0	0.0	0.228	0.0	0.032	0.0	0.107	0.182	0.0	0.210
21	0.550	0.0	0.0	0.0	0.014	0.0	0.021	0.0	0.0	0.091	0.041	0.174
22	0.330	0.0	0.0	0.0	0.066	0.0	0.0	0.0	0.0	0.023	0.055	0.070
23	0.101	0.0	0.0	0.0	0.538	0.106	0.0	0.0	0.0	0.807	0.248	0.0
24	0.420	0.0	0.0	0.0	0.0	0.011	0.0	0.0	0.0	0.013	0.821	0.035
25	0.067	0.0	0.0	0.190	0.0	0.0	0.0	0.0	0.0	0.051	0.150	0.0
26	0.655	0.0	0.133	0.286	0.044	0.043	0.0	0.0	0.0	0.139	0.192	0.0
27	0.719	0.0	0.0	0.143	0.011	0.285	0.030	0.0	0.0	0.0	0.0	0.035
28	0.0	0.144	0.0	0.0	0.0	0.645	0.0	0.0	0.0	0.0	0.0	0.243
29	0.0	0.0	0.265	0.0	0.0	0.064	0.0	0.0	0.0	0.0	0.178	0.383
30	0.0	0.0	0.198	0.0	0.0	0.0	0.0	0.120	0.0	0.0	0.382	0.0
31	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.138
TOTAL	4.974	0.746	2.404	3.045	1.921	1.458	0.685	0.220	1.316	1.542	3.039	2.626

YEARLY TOTAL 24.475

STATION 33035x01

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.047	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.292
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.580	0.0	0.015	0.0
5	0.0	0.0	0.0	0.0	0.063	0.0	0.197	0.050	0.050	0.0	0.190	0.0
6	0.0	0.0	0.0	0.010	0.063	0.040	0.0	0.0	0.0	0.0	0.065	0.0
7	0.0	0.0	0.521	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.065
8	0.075	0.0	0.036	0.0	0.169	0.010	0.209	0.0	0.0	0.0	0.030	0.183
9	0.149	0.0	0.0	0.0	0.128	0.020	0.0	0.0	0.0	0.070	0.260	0.092
10	0.149	0.0	0.0	0.350	0.095	0.090	0.0	0.0	0.0	0.120	0.0	0.0
11	0.0	0.0	0.095	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.150	0.026
12	0.112	0.100	0.0	0.0	0.011	0.020	0.0	0.0	0.0	0.020	0.010	0.0
13	0.0	0.0	0.0	0.458	0.043	0.050	0.0	0.0	0.0	0.0	0.0	0.013
14	0.246	0.0	0.267	0.764	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.039
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.010	0.013
16	0.607	0.130	0.308	0.0	0.0	0.0	0.198	0.0	0.0	0.0	0.0	0.197
17	0.218	0.080	0.0	0.0	0.0	0.100	0.0	0.0	0.0	0.0	0.0	0.084
18	0.219	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0
19	0.205	0.0	0.0	0.153	0.0	0.0	0.0	0.0	0.490	0.0	0.0	0.0
20	0.014	0.0	0.0	0.0	0.137	0.0	0.058	0.0	0.090	0.120	0.0	0.126
21	0.521	0.0	0.0	0.458	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.126
22	0.497	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.140	0.0
23	0.069	0.0	0.0	0.0	0.550	0.110	0.0	0.0	0.0	0.383	0.187	0.0
24	0.315	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.479	0.042
25	0.0	0.0	0.0	0.169	0.0	0.0	0.0	0.0	0.0	0.131	0.117	0.042
26	0.658	0.0	0.041	0.147	0.050	0.070	0.0	0.0	0.0	0.175	0.093	0.0
27	0.921	0.0	0.0	0.042	0.030	0.430	0.150	0.0	0.0	0.0	0.059	0.042
28	0.0	0.047	0.0	0.0	0.0	0.500	0.0	0.0	0.0	0.0	0.0	0.126
29	0.0	0.0	0.020	0.0	0.0	0.210	0.0	0.0	0.0	0.0	0.128	0.042
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.160	0.0	0.0	0.246	0.042
31	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0	0.040
TOTAL	4.905	0.357	1.335	2.551	1.360	1.660	0.812	0.250	1.210	1.059	2.204	1.632

YEARLY TOTAL 19.334

WATERSHED - 33022007

REYNOLDS CREEK EXPERIMENTAL WATERSHED
RABBIT CREEK STUDY BASIN (2360 ACRES)

BOISE, IDAHO

THESSIER WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.005	0.061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.059
2	0.006	0.0	0.044	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.008	0.150
3	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.157
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.631	0.0	0.017	0.014
5	0.0	0.0	0.0	0.0	0.045	0.0	0.357	0.059	0.051	0.0	0.197	0.009
6	0.0	0.0	0.0	0.003	0.040	0.022	0.035	0.0	0.0	0.004	0.084	0.0
7	0.0	0.003	0.613	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.010	0.164
8	0.179	0.0	0.105	0.0	0.168	0.033	0.054	0.0	0.005	0.003	0.035	0.214
9	0.212	0.0	0.0	0.0	0.187	0.014	0.0	0.0	0.0	0.054	0.251	0.067
10	0.130	0.0	0.003	0.408	0.154	0.137	0.0	0.0	0.0	0.087	0.0	0.017
11	0.005	0.0	0.114	0.012	0.013	0.0	0.005	0.0	0.0	0.002	0.242	0.038
12	0.074	0.158	0.0	0.0	0.013	0.005	0.0	0.0	0.0	0.016	0.023	0.002
13	0.019	0.0	0.0	0.548	0.052	0.070	0.0	0.0	0.0	0.0	0.0	0.004
14	0.192	0.0	0.235	0.718	0.002	0.032	0.0	0.0	0.0	0.0	0.0	0.092
15	0.0	0.0	0.005	0.0	0.0	0.001	0.0	0.0	0.0	0.003	0.003	0.025
16	0.504	0.172	0.428	0.0	0.0	0.0	0.056	0.0	0.0	0.0	0.003	0.126
17	0.216	0.207	0.108	0.0	0.0	0.088	0.0	0.0	0.0	0.001	0.0	0.023
18	0.148	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.038	0.0
19	0.113	0.0	0.0	0.234	0.002	0.0	0.0	0.0	0.378	0.004	0.0	0.0
20	0.021	0.0	0.0	0.0	0.124	0.0	0.039	0.0	0.102	0.119	0.008	0.107
21	0.490	0.0	0.0	0.125	0.002	0.0	0.004	0.0	0.0	0.044	0.005	0.084
22	0.401	0.0	0.0	0.0	0.055	0.0	0.0	0.0	0.0	0.030	0.123	0.033
23	0.058	0.0	0.0	0.0	0.472	0.091	0.0	0.0	0.0	0.398	0.195	0.004
24	0.292	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.012	0.447	0.019
25	0.069	0.0	0.0	0.191	0.0	0.0	0.0	0.0	0.0	0.132	0.188	0.011
26	0.602	0.0	0.123	0.233	0.048	0.057	0.0	0.0	0.0	0.174	0.092	0.015
27	0.761	0.0	0.0	0.033	0.013	0.323	0.059	0.0	0.0	0.0	0.018	0.020
28	0.0	0.130	0.014	0.053	0.0	0.456	0.0	0.0	0.0	0.0	0.0	0.112
29	0.0	0.0	0.064	0.006	0.003	0.187	0.0	0.0	0.0	0.0	0.336	0.166
30	0.0	0.0	0.134	0.0	0.0	0.005	0.0	0.114	0.0	0.0	0.256	0.014
31	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.044	0.0	0.003	0.0	0.101
TOTAL	4.454	0.681	2.053	2.562	1.391	1.538	0.629	0.256	1.175	1.088	2.579	1.858

YEARLY TOTAL 20.266

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015X87 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM INTENSITIES												
STORM NO.	DATE MO DA YR	MINUTES					HOURS					
		5	10	15	20	30	1	2	4	6	12	24
1	1 22 70	0.312	0.312	0.312	0.312	0.279	0.171	0.115	0.083	0.064	0.048	0.0
2	1 24 70	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.054	0.045	0.0	0.0
3	1 27 70	0.409	0.409	0.409	0.409	0.409	0.251	0.158	0.133	0.110	0.087	0.0
4	2 17 70	0.289	0.289	0.289	0.289	0.289	0.199	0.137	0.081	0.0	0.0	0.0
5	3 8 70	0.348	0.348	0.348	0.348	0.294	0.274	0.189	0.143	0.101	0.053	0.0
6	3 16 70	0.303	0.303	0.303	0.303	0.303	0.262	0.191	0.119	0.0	0.0	0.0
7	4 10 70	0.370	0.370	0.370	0.335	0.308	0.247	0.140	0.091	0.075	0.0	0.0
8	4 14 70	0.327	0.246	0.219	0.206	0.192	0.179	0.156	0.136	0.100	0.061	0.040
9	4 19 70	0.224	0.224	0.224	0.224	0.224	0.151	0.109	0.0	0.0	0.0	0.0
10	6 29 70	0.165	0.165	0.165	0.165	0.165	0.130	0.090	0.072	0.048	0.026	0.0
11	7 5 70	1.080	1.080	0.830	0.705	0.580	0.333	0.170	0.085	0.0	0.0	0.0
12	9 4 70	0.348	0.348	0.348	0.343	0.242	0.197	0.167	0.139	0.096	0.0	0.0
13	11 11 70	0.540	0.540	0.540	0.540	0.363	0.187	0.099	0.0	0.0	0.0	0.0
14	11 30 70	0.219	0.219	0.219	0.219	0.219	0.219	0.156	0.113	0.078	0.0	0.0
MAXIMUM INTENSITY		1.080	1.080	0.830	0.705	0.580	0.333	0.191	0.143	0.110	0.087	0.040

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022X88 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	9	70	0.144	0.144	0.144	0.144	0.139	0.115	0.102	0.091	0.080	0.0	0.0
2	1	17	70	0.049	0.049	0.049	0.049	0.049	0.049	0.043	0.033	0.031	0.019	0.0
3	1	22	70	0.322	0.322	0.322	0.322	0.257	0.167	0.119	0.079	0.065	0.046	0.0
4	1	27	70	0.685	0.685	0.573	0.460	0.348	0.250	0.202	0.184	0.170	0.124	0.0
5	2	17	70	0.371	0.371	0.371	0.371	0.353	0.228	0.153	0.100	0.078	0.0	0.0
6	3	8	70	0.441	0.441	0.419	0.349	0.321	0.282	0.213	0.157	0.109	0.061	0.0
7	3	14	70	0.441	0.441	0.415	0.324	0.232	0.147	0.101	0.058	0.0	0.0	0.0
8	3	16	70	0.223	0.223	0.223	0.223	0.223	0.211	0.158	0.118	0.0	0.0	0.0
9	4	13	70	0.271	0.271	0.271	0.271	0.271	0.193	0.102	0.066	0.048	0.030	0.0
10	4	14	70	0.249	0.249	0.249	0.249	0.249	0.241	0.224	0.203	0.175	0.099	0.0
11	4	19	70	0.164	0.164	0.164	0.164	0.164	0.141	0.092	0.050	0.040	0.024	0.0
12	5	23	70	0.107	0.107	0.107	0.107	0.107	0.103	0.093	0.065	0.043	0.0	0.0
13	6	27	70	0.572	0.572	0.572	0.460	0.348	0.0	0.0	0.0	0.0	0.0	0.0
14	6	28	70	0.167	0.167	0.167	0.167	0.167	0.155	0.115	0.092	0.063	0.0	0.0
15	9	4	70	0.708	0.708	0.480	0.366	0.280	0.231	0.194	0.163	0.118	0.0	0.0
16	10	23	70	0.303	0.303	0.303	0.303	0.217	0.131	0.085	0.045	0.035	0.027	0.0
17	11	30	70	0.282	0.282	0.243	0.243	0.243	0.193	0.151	0.099	0.072	0.044	0.0
18	12	4	70	0.069	0.069	0.069	0.069	0.067	0.059	0.057	0.056	0.055	0.0	0.0
MAXIMUM INTENSITY				0.708	0.708	0.573	0.460	0.353	0.282	0.224	0.203	0.175	0.124	0.0

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33029x18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE				MINUTES					HOURS					
	MO	DA	YR		5	10	15	20	30	1	2	4	6	12	24
1	1	9	70		0.214	0.214	0.214	0.214	0.214	0.162	0.123	0.088	0.084	0.0	0.0
2	1	17	70		0.112	0.112	0.112	0.112	0.112	0.112	0.102	0.066	0.049	0.028	0.021
3	1	22	70		0.214	0.214	0.214	0.214	0.206	0.149	0.116	0.066	0.058	0.051	0.0
4	1	27	70		0.186	0.186	0.186	0.186	0.186	0.159	0.131	0.122	0.118	0.078	0.044
5	2	17	70		0.243	0.173	0.150	0.139	0.127	0.116	0.093	0.074	0.066	0.035	0.0
6	3	8	70		0.271	0.271	0.271	0.271	0.271	0.271	0.189	0.145	0.103	0.060	0.0
7	3	16	70		0.281	0.281	0.281	0.281	0.281	0.213	0.150	0.112	0.075	0.0	0.0
8	4	10	70		0.233	0.233	0.233	0.233	0.233	0.174	0.101	0.063	0.050	0.031	0.0
9	4	14	70		0.268	0.234	0.223	0.217	0.212	0.207	0.207	0.167	0.133	0.080	0.0
10	4	19	70		0.185	0.185	0.185	0.185	0.185	0.178	0.0	0.0	0.0	0.0	0.0
11	4	26	70		0.108	0.108	0.108	0.108	0.108	0.108	0.087	0.049	0.034	0.029	0.0
12	5	10	70		0.078	0.078	0.078	0.078	0.078	0.067	0.039	0.028	0.021	0.020	0.0
13	5	23	70		0.140	0.140	0.140	0.140	0.140	0.140	0.135	0.095	0.0	0.0	0.0
14	6	23	70		0.226	0.226	0.226	0.226	0.226	0.149	0.129	0.110	0.074	0.0	0.0
15	7	5	70		0.630	0.630	0.630	0.622	0.565	0.361	0.183	0.092	0.0	0.0	0.0
16	9	4	70		0.560	0.560	0.560	0.427	0.293	0.210	0.185	0.140	0.100	0.0	0.0
17	10	23	70		0.091	0.091	0.091	0.091	0.091	0.091	0.053	0.026	0.027	0.022	0.0
18	10	26	70		0.164	0.164	0.164	0.164	0.164	0.143	0.089	0.075	0.0	0.0	0.0
19	11	9	70		0.067	0.067	0.067	0.067	0.067	0.067	0.055	0.032	0.037	0.022	0.0
20	11	30	70		0.336	0.336	0.336	0.336	0.242	0.149	0.102	0.092	0.066	0.039	0.0
21	12	9	70		0.062	0.062	0.062	0.062	0.062	0.042	0.034	0.033	0.029	0.020	0.0
22	12	14	70		0.146	0.146	0.146	0.146	0.146	0.146	0.109	0.057	0.0	0.0	0.0
MAXIMUM INTENSITY					0.680	0.680	0.680	0.622	0.565	0.361	0.207	0.167	0.133	0.080	0.044

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033X53 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	9	70	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.064	0.0	0.0	0.0
2	1	16	70	0.181	0.181	0.181	0.181	0.181	0.177	0.165	0.106	0.080	0.0	0.0
3	1	17	70	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.027	0.026	0.020	0.01
4	1	22	70	0.273	0.273	0.273	0.273	0.224	0.158	0.122	0.075	0.060	0.047	0.0
5	1	24	70	0.105	0.105	0.105	0.105	0.105	0.105	0.089	0.066	0.0	0.0	0.0
6	1	27	70	0.252	0.207	0.192	0.184	0.178	0.169	0.157	0.146	0.141	0.103	0.057
7	2	17	70	0.144	0.105	0.093	0.086	0.080	0.073	0.072	0.067	0.055	0.0	0.0
8	3	8	70	0.394	0.394	0.394	0.394	0.394	0.318	0.213	0.178	0.121	0.064	0.0
9	3	14	70	0.950	0.595	0.413	0.329	0.299	0.225	0.133	0.0	0.0	0.0	0.0
10	3	16	70	0.256	0.256	0.256	0.256	0.256	0.183	0.159	0.095	0.0	0.0	0.0
11	3	29	70	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.0	0.0	0.0	0.0
12	4	10	70	0.135	0.135	0.135	0.135	0.135	0.135	0.096	0.072	0.056	0.034	0.0
13	4	14	70	0.292	0.292	0.292	0.292	0.292	0.292	0.279	0.242	0.203	0.126	0.0
14	4	26	70	0.079	0.079	0.079	0.079	0.079	0.079	0.062	0.056	0.040	0.0	0.0
15	5	8	70	0.171	0.171	0.171	0.171	0.171	0.124	0.082	0.048	0.038	0.0	0.0
16	5	10	70	0.068	0.068	0.068	0.068	0.068	0.065	0.057	0.036	0.032	0.023	0.0
17	5	23	70	0.150	0.150	0.150	0.150	0.150	0.150	0.142	0.091	0.061	0.0	0.0
18	6	23	70	0.636	0.636	0.539	0.490	0.442	0.312	0.233	0.0	0.0	0.0	0.0
19	6	29	70	0.128	0.128	0.127	0.127	0.127	0.109	0.090	0.062	0.0	0.0	0.0
20	7	5	70	2.784	1.920	1.632	1.488	1.024	0.532	0.272	0.142	0.0	0.0	0.0
21	9	4	70	0.450	0.450	0.450	0.450	0.386	0.316	0.236	0.166	0.116	0.0	0.0
22	10	23	70	0.202	0.202	0.202	0.202	0.202	0.202	0.187	0.132	0.094	0.059	0.0
23	11	9	70	0.063	0.063	0.063	0.063	0.063	0.063	0.059	0.051	0.045	0.0	0.0
24	11	24	70	0.220	0.220	0.220	0.165	0.110	0.061	0.061	0.053	0.051	0.033	0.022
25	11	24	70	0.119	0.119	0.119	0.119	0.119	0.119	0.108	0.075	0.050	0.039	0.0
26	11	30	70	0.492	0.369	0.328	0.307	0.250	0.139	0.081	0.061	0.048	0.032	0.0
27	12	4	70	0.113	0.103	0.073	0.058	0.046	0.046	0.046	0.046	0.036	0.0	0.0
28	12	3	70	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.023	0.021	0.020	0.0
MAXIMUM INTENSITY				2.784	1.920	1.632	1.488	1.024	0.532	0.279	0.242	0.203	0.126	0.057

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035X01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	1	16	70	0.152	0.152	0.152	0.152	0.152	0.152	0.150	0.119	0.082	0.0	0.0
2	1	17	70	0.170	0.090	0.089	0.089	0.089	0.077	0.055	0.031	0.023	0.015	0.0
3	1	22	70	0.250	0.250	0.250	0.250	0.216	0.147	0.111	0.072	0.053	0.046	0.0
4	1	24	70	0.187	0.142	0.130	0.130	0.130	0.130	0.104	0.085	0.0	0.0	0.0
5	1	27	70	0.368	0.302	0.302	0.302	0.302	0.234	0.225	0.204	0.176	0.114	0.0
6	3	8	70	0.325	0.325	0.325	0.325	0.275	0.206	0.156	0.119	0.085	0.0	0.0
7	3	14	70	0.527	0.527	0.500	0.406	0.312	0.0	0.0	0.0	0.0	0.0	0.0
8	3	16	70	0.224	0.224	0.224	0.224	0.210	0.185	0.147	0.0	0.0	0.0	0.0
9	4	10	70	0.089	0.089	0.089	0.089	0.089	0.089	0.064	0.046	0.038	0.027	0.0
10	4	14	70	1.866	1.007	0.720	0.577	0.434	0.291	0.219	0.184	0.139	0.078	0.041
11	4	21	70	0.259	0.259	0.259	0.259	0.259	0.259	0.0	0.0	0.0	0.0	0.0
12	5	23	70	0.160	0.160	0.160	0.160	0.160	0.155	0.138	0.087	0.058	0.0	0.0
13	6	27	70	0.800	0.800	0.800	0.675	0.565	0.0	0.0	0.0	0.0	0.0	0.0
14	6	28	70	0.300	0.300	0.300	0.300	0.252	0.205	0.157	0.0	0.0	0.0	0.0
15	9	4	70	0.240	0.240	0.240	0.240	0.224	0.186	0.160	0.136	0.0	0.0	0.0
16	9	19	70	0.360	0.360	0.360	0.360	0.316	0.206	0.132	0.081	0.0	0.0	0.0
17	10	23	70	0.088	0.088	0.088	0.088	0.088	0.077	0.064	0.047	0.035	0.025	0.0
18	11	9	70	0.076	0.076	0.076	0.076	0.076	0.076	0.067	0.049	0.040	0.0	0.0
19	11	24	70	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.029	0.029	0.020	0.0
20	11	24	70	0.074	0.074	0.074	0.074	0.074	0.074	0.074	0.052	0.035	0.0	0.0
21	11	30	70	0.061	0.061	0.061	0.061	0.061	0.061	0.053	0.036	0.033	0.022	0.0
22	12	2	70	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.034	0.029	0.019	0.0
MAXIMUM INTENSITY				1.866	1.007	0.800	0.675	0.565	0.291	0.225	0.204	0.176	0.114	0.041



REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

STATION 33015X97

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1971

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.010	0.0	0.0	0.0	0.170	0.0	0.0	0.0	0.162	0.050	0.0
2	0.0	0.0	0.0	0.0	0.0	0.780	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.030	0.0	0.130	0.060	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.030	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.020	0.0
5	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.146
6	0.026	0.0	0.0	0.0	0.420	0.0	0.0	0.0	0.229	0.0	0.0	0.262
7	0.130	0.0	0.0	0.059	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
8	0.130	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.059
9	0.026	0.010	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.045
10	0.052	0.0	0.010	0.104	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0
11	0.182	0.0	0.044	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.180	0.057
12	0.052	0.0	0.994	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.060	0.0
13	0.052	0.0	0.015	0.0	0.020	0.0	0.0	0.0	0.0	0.047	0.0	0.0
14	0.052	0.0	0.015	0.0	0.010	0.0	0.0	0.0	0.0	0.016	0.0	0.0
15	0.021	0.110	0.015	0.013	0.030	0.0	0.0	0.0	0.0	0.672	0.0	0.0
16	0.043	0.0	0.629	0.0	0.050	0.0	0.0	0.0	0.0	0.344	0.0	0.0
17	0.665	0.188	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.060	0.0
18	0.159	0.110	0.0	0.118	0.020	0.0	0.0	0.0	0.0	0.171	0.0	0.010
19	0.011	0.078	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0
20	0.053	0.0	0.0	0.288	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.010
21	0.0	0.0	0.0	0.013	0.0	0.0	0.080	0.0	0.0	0.0	0.0	0.404
22	0.0	0.0	0.176	0.024	0.0	0.0	0.560	0.0	0.0	0.0	0.0	0.021
23	0.0	0.016	0.629	0.557	0.0	0.0	0.0	0.0	0.0	0.0	0.110	0.0
24	0.0	0.141	0.015	0.095	0.030	0.0	0.0	0.0	0.0	0.0	0.014	0.309
25	0.021	0.0	0.219	0.119	0.010	0.051	0.0	0.0	0.0	0.0	0.615	0.020
26	0.011	0.0	0.161	0.0	0.050	0.928	0.0	0.0	0.046	0.030	0.055	0.0
27	0.0	0.020	0.015	0.0	0.0	0.153	0.0	0.0	0.0	0.0	0.069	0.0
28	0.0	0.0	0.0	0.0	0.0	0.173	0.0	0.0	0.0	0.0	0.056	0.031
29	0.0	0.0	0.0	0.0	0.060	0.0	0.0	0.097	0.522	0.0	0.055	0.0
30	0.010	0.0	0.015	0.012	0.0	0.0	0.0	0.0	1.405	0.060	0.055	0.0
31	0.0	0.0	0.0	0.130	0.0	0.0	0.0	0.0	0.010	0.010	0.0	0.0
TOTAL	1.722	0.683	3.012	1.427	1.030	2.415	0.690	0.097	2.248	1.559	1.324	1.384

YEARLY TOTAL 17.590

STATION 33022X88

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1971

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.030	0.0	0.0	0.110	0.0	0.0	0.0	0.020	0.047	0.0
2	0.012	0.0	0.0	0.0	0.0	0.820	0.0	0.0	0.090	0.0	0.0	0.137
3	0.0	0.018	0.123	0.0	0.180	0.020	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.126	0.077	0.0	0.028	0.230	0.0	0.0	0.0	0.0	0.010	0.0
5	0.012	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.024	0.0	0.0	0.011	0.465	0.016	0.0	0.0	0.194	0.0	0.0	0.176
7	0.062	0.0	0.0	0.189	0.0	0.016	0.0	0.0	0.0	0.0	0.0	0.0
8	0.184	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.117
9	0.069	0.018	0.0	0.0	0.010	0.016	0.0	0.0	0.0	0.0	0.0	0.176
10	0.138	0.018	0.046	0.263	0.0	0.065	0.0	0.0	0.0	0.0	0.0	0.117
11	0.430	0.0	0.078	0.0	0.010	0.016	0.0	0.0	0.0	0.0	0.0	0.0
12	0.138	0.0	1.040	0.015	0.051	0.0	0.0	0.0	0.0	0.0	0.070	0.449
13	0.138	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.231	0.040	0.351
14	0.138	0.013	0.034	0.015	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.137
15	0.025	0.088	0.045	0.0	0.165	0.0	0.0	0.0	0.0	0.0	0.0	0.098
16	0.038	0.0	0.616	0.015	0.041	0.0	0.0	0.0	0.0	0.514	0.0	0.0
17	0.857	0.177	0.022	0.0	0.010	0.0	0.0	0.0	0.0	0.193	0.0	0.0
18	0.138	0.215	0.011	0.147	0.020	0.0	0.0	0.0	0.0	0.0	0.050	0.0
19	0.013	0.089	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.231	0.0	0.036
20	0.050	0.0	0.011	0.292	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.036
21	0.025	0.0	0.0	0.073	0.010	0.0	0.020	0.0	0.0	0.0	0.0	0.012
22	0.025	0.0	0.067	0.0	0.0	0.0	0.590	0.0	0.0	0.0	0.0	0.242
23	0.025	0.0	0.469	0.539	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.138	0.011	0.103	0.010	0.0	0.0	0.0	0.0	0.0	0.120	0.060
25	0.038	0.040	0.246	0.347	0.070	0.217	0.0	0.0	0.040	0.0	0.045	0.641
26	0.0	0.0	0.290	0.013	0.020	0.972	0.0	0.0	0.020	0.047	0.912	0.0
27	0.0	0.092	0.033	0.0	0.010	0.174	0.0	0.0	0.210	0.047	0.045	0.0
28	0.0	0.030	0.0	0.013	0.020	0.249	0.0	0.0	0.020	0.0	0.269	0.0
29	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.0	1.080	0.0	0.120	0.157
30	0.0	0.0	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.095	0.0	0.0
31	0.0	0.0	0.0	0.0	0.080	0.0	0.0	0.0	0.0	0.024	0.0	0.0
TOTAL	2.580	1.062	3.324	2.035	1.318	2.921	0.650	0.0	2.514	1.402	1.728	2.942

YEARLY TOTAL 22.471

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

STATION 33028X18

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1971

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.180	0.0	0.0	0.0	0.0	0.052	0.043
2	0.0	0.020	0.0	0.0	0.0	0.420	0.0	0.0	0.040	0.0	0.0	0.021
3	0.0	0.010	0.060	0.055	0.131	0.040	0.0	0.0	0.0	0.0	0.0	0.074
4	0.0	0.040	0.040	0.0	0.024	0.310	0.0	0.0	0.0	0.0	0.052	0.213
5	0.029	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021
6	0.029	0.0	0.010	0.011	0.420	0.0	0.0	0.0	0.220	0.0	0.0	0.0
7	0.102	0.020	0.0	0.022	0.030	0.020	0.0	0.0	0.0	0.0	0.0	0.116
8	0.102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.029	0.010	0.0	0.012	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0
10	0.044	0.010	0.152	0.116	0.0	0.130	0.010	0.0	0.0	0.0	0.0	0.149
11	0.146	0.014	0.808	0.0	0.010	0.030	0.0	0.0	0.0	0.0	0.0	0.107
12	0.044	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.0	0.154	0.032
13	0.044	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.129	0.103	0.042
14	0.044	0.0	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.026	0.013	0.050
15	0.439	0.056	0.113	0.035	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.040
16	0.029	0.0	0.416	0.056	0.070	0.0	0.0	0.0	0.0	0.732	0.0	0.0
17	0.409	0.366	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.180	0.0	0.0
18	0.672	0.276	0.013	0.035	0.030	0.0	0.0	0.0	0.0	0.0	0.100	0.0
19	0.0	0.139	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.116	0.0	0.020
20	0.0	0.0	0.013	0.465	0.0	0.0	0.0	0.0	0.0	0.090	0.0	0.010
21	0.0	0.014	0.0	0.058	0.010	0.011	0.050	0.0	0.0	0.0	0.0	0.020
22	0.0	0.0	0.341	0.012	0.0	0.0	1.140	0.0	0.0	0.0	0.0	0.140
23	0.0	0.0	0.392	0.533	0.0	0.0	0.040	0.0	0.0	0.0	0.010	0.030
24	0.0	0.070	0.0	0.139	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.0
25	0.0	0.020	0.318	0.198	0.0	0.207	0.0	0.0	0.059	0.0	0.250	0.360
26	0.0	0.0	0.308	0.012	0.030	0.979	0.0	0.0	0.073	0.039	0.270	0.010
27	0.029	0.020	0.0	0.0	0.0	0.185	0.0	0.0	0.098	0.092	0.100	0.0
28	0.020	0.020	0.0	0.0	0.010	0.249	0.0	0.0	0.030	0.0	0.060	0.0
29	0.0	0.0	0.0	0.0	0.090	0.0	0.0	0.040	0.497	0.013	0.050	0.060
30	0.0	0.0	0.055	0.0	0.0	0.0	0.0	0.0	1.783	0.078	0.054	0.0
31	0.0	0.0	0.0	0.0	0.090	0.0	0.0	0.0	0.039	0.039	0.0	0.0
TOTAL	2.211	1.125	3.064	1.772	1.115	2.781	1.280	0.040	2.790	1.534	1.358	1.558

YEARLY TOTAL 20.627

STATION 33033H58

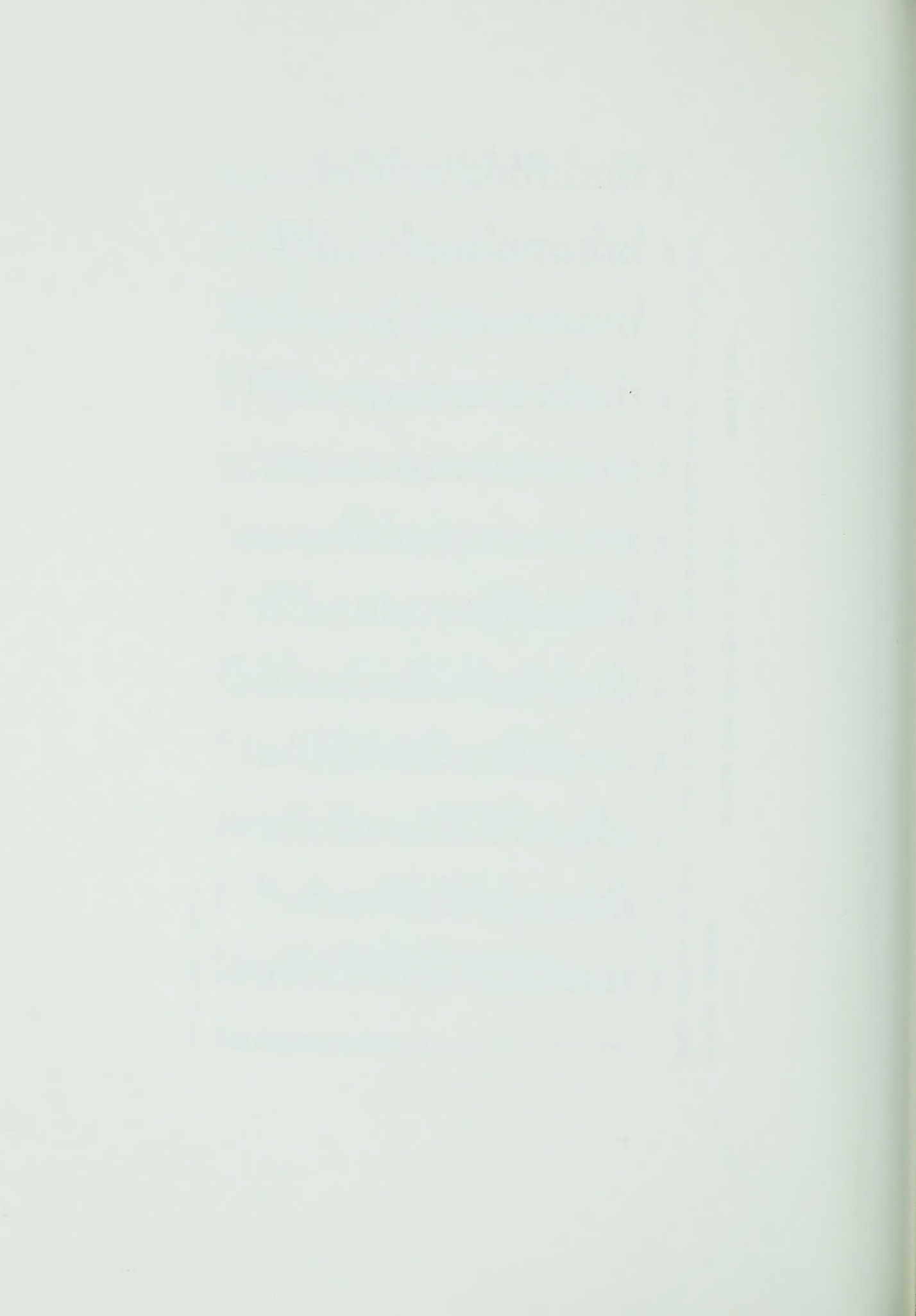
REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1971

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.210	0.0	0.0	0.0	0.020	0.080	0.0
2	0.0	0.032	0.0	0.0	0.016	0.920	0.0	0.0	0.030	0.0	0.0	0.111
3	0.0	0.0	0.229	0.0	0.156	0.030	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.092	0.229	0.0	0.0	0.210	0.0	0.0	0.0	0.0	0.030	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.017	0.0	0.0	0.0	0.492	0.0	0.0	0.0	0.060	0.0	0.0	0.138
7	0.034	0.0	0.0	0.132	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
8	0.327	0.0	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.084
9	0.034	0.0	0.046	0.018	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.138
10	0.069	0.033	0.137	0.126	0.0	0.090	0.0	0.0	0.0	0.0	0.0	0.084
11	0.223	0.0	0.110	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
12	0.137	0.019	0.790	0.0	0.095	0.0	0.0	0.0	0.0	0.0	0.170	0.317
13	0.103	0.0	0.022	0.0	0.036	0.0	0.0	0.0	0.0	0.207	0.090	0.262
14	0.172	0.019	0.033	0.0	0.0	0.0	0.0	0.0	0.0	0.017	0.0	0.096
15	0.128	0.057	0.033	0.036	0.214	0.0	0.0	0.0	0.0	0.0	0.0	0.084
16	0.119	0.0	0.395	0.054	0.048	0.0	0.0	0.0	0.0	0.482	0.0	0.0
17	0.841	0.228	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.172	0.0	0.0
18	0.096	0.247	0.0	0.036	0.0	0.0	0.0	0.0	0.0	0.0	0.100	0.0
19	0.071	0.114	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.205	0.0	0.040
20	0.036	0.0	0.0	0.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.039
21	0.012	0.0	0.0	0.036	0.010	0.0	0.080	0.0	0.0	0.0	0.0	0.013
22	0.024	0.0	0.242	0.016	0.0	0.0	0.560	0.0	0.0	0.0	0.0	0.262
23	0.036	0.0	0.527	0.329	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.342	0.0	0.048	0.0	0.0	0.0	0.0	0.0	0.0	0.143	0.066
25	0.048	0.0	0.372	0.188	0.030	0.259	0.0	0.0	0.040	0.0	0.064	0.692
26	0.012	0.0	0.176	0.047	0.010	0.943	0.0	0.0	0.020	0.060	1.133	0.0
27	0.0	0.137	0.0	0.0	0.0	0.198	0.0	0.0	0.280	0.060	0.065	0.0
28	0.0	0.138	0.0	0.016	0.010	0.249	0.0	0.0	0.020	0.0	0.322	0.0
29	0.0	0.0	0.0	0.0	0.090	0.010	0.0	0.0	1.160	0.0	0.128	0.187
30	0.0	0.0	0.0	0.016	0.0	0.0	0.0	0.0	1.460	0.140	0.0	0.0
31	0.0	0.0	0.0	0.060	0.060	0.0	0.0	0.0	0.030	0.030	0.0	0.0
TOTAL	2.539	1.448	3.340	1.568	1.291	3.149	0.690	0.0	3.070	1.393	2.325	2.603

YEARLY TOTAL 23.415



STATION 33035N01
 DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1971

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.010	0.0	0.0	0.0	0.146	0.0	0.0	0.0	0.068	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	1.006	0.0	0.0	0.030	0.0	0.0	0.040
3	0.0	0.0	0.044	0.014	0.106	0.053	0.0	0.0	0.0	0.0	0.0	0.050
4	0.0	0.020	0.0	0.0	0.011	0.148	0.0	0.0	0.0	0.0	0.018	0.020
5	0.0	0.0	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.220
6	0.011	0.010	0.0	0.0	0.429	0.0	0.0	0.0	0.240	0.0	0.0	0.100
7	0.011	0.0	0.0	0.069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.184	0.010	0.022	0.0	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.070
9	0.022	0.0	0.022	0.015	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.040
10	0.032	0.020	0.022	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010
11	0.131	0.0	0.090	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.043	0.0	0.542	0.0	0.021	0.011	0.0	0.0	0.0	0.0	0.072	0.100
13	0.043	0.020	0.014	0.0	0.010	0.0	0.0	0.0	0.0	0.220	0.180	0.0
14	0.055	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0
15	0.033	0.0	0.014	0.015	0.176	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.054	0.0	0.315	0.0	0.0	0.0	0.0	0.0	0.0	0.521	0.0	0.0
17	1.055	0.294	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.180	0.0	0.0
18	0.0	0.137	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.090	0.0
19	0.0	0.020	0.0	0.0	0.010	0.0	0.020	0.0	0.0	0.220	0.0	0.0
20	0.0	0.0	0.0	0.260	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.010	0.0	0.0	0.030	0.0	0.011	0.030	0.0	0.0	0.0	0.0	0.0
22	0.010	0.0	0.397	0.010	0.0	0.0	0.310	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.670	0.240	0.022	0.0	0.080	0.0	0.0	0.0	0.0	0.223
24	0.0	0.215	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.068
25	0.040	0.0	0.369	0.100	0.045	0.089	0.0	0.0	0.0	0.0	0.183	0.0
26	0.0	0.022	0.109	0.0	0.011	1.062	0.0	0.0	0.0	0.0	0.051	0.594
27	0.0	0.043	0.0	0.0	0.0	0.201	0.0	0.0	0.100	0.022	1.788	0.017
28	0.0	0.0	0.0	0.020	0.0	0.124	0.0	0.0	0.034	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.067	0.0	0.0	0.0	0.470	0.0	0.273	0.0
30	0.0	0.0	0.0	0.0	0.0	0.011	0.0	0.070	1.333	0.0	0.183	0.017
31	0.0	0.0	0.0	0.134	0.0	0.0	0.0	0.0	0.0	0.152	0.151	0.0
TOTAL	1.744	0.821	2.744	0.798	1.062	2.957	0.440	0.070	2.267	1.425	2.999	1.559

YEARLY TOTAL 18.885

REYNOLDS CREEK EXPERIMENTAL WATERSHED
WATERSHED - 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) BOISE, IDAHO

THESSIAN WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1971

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.004	0.005	C.C	C.0	0.162	0.0	0.0	0.0	0.043	0.040	0.011
2	0.002	0.010	0.0	C.C	0.002	0.770	0.0	0.0	0.037	0.0	0.0	0.053
3	C.C	0.006	0.083	C.C19	0.140	0.042	0.0	0.0	0.0	0.0	0.0	0.034
4	0.0	0.047	0.058	0.0	0.013	0.197	0.0	0.0	0.0	0.0	0.028	0.062
5	0.014	0.0	0.011	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.090
6	0.021	0.003	0.003	0.005	0.439	0.005	0.0	0.0	0.202	0.0	0.0	0.117
7	0.066	0.005	0.0	C.C82	C.C08	0.011	0.0	0.0	0.0	0.0	0.0	0.031
8	0.172	0.003	0.0	0.0	0.002	0.002	0.0	0.0	0.0	0.0	0.0	0.060
9	0.034	0.007	0.012	C.C06	0.002	0.018	0.0	0.0	0.0	0.0	0.0	0.065
10	0.060	0.015	0.074	C.111	C.0	0.080	0.003	0.0	0.0	0.0	0.0	0.072
11	0.203	C.C04	0.277	0.0	0.007	0.012	0.0	0.0	0.0	0.0	0.0	0.029
12	0.073	0.003	0.610	C.C02	C.054	0.003	0.0	0.0	0.0	0.0	0.121	0.159
13	0.068	0.005	0.009	0.0	0.015	0.0	0.0	0.0	0.0	0.167	0.105	0.102
14	0.060	0.005	0.023	0.002	0.003	0.0	0.0	0.0	0.0	0.022	0.004	0.048
15	0.152	0.054	0.048	C.C21	C.124	C.0	0.0	0.0	0.0	0.003	0.0	0.038
16	C.C54	0.0	0.452	0.025	0.042	0.0	0.0	0.0	0.0	0.596	0.0	0.0
17	0.756	0.273	0.003	C.C06	C.006	0.0	0.0	0.0	0.0	0.211	0.0	0.0
18	0.242	0.197	0.005	C.C57	C.017	0.0	0.0	0.0	0.0	0.0	0.083	0.0
19	0.012	C.C85	0.0	C.C	0.003	0.0	0.038	0.0	0.0	0.184	0.0	0.018
20	0.021	0.0	0.005	C.353	C.007	0.0	0.0	0.0	0.0	0.024	0.0	0.014
21	C.C08	0.004	0.0	0.042	C.006	0.006	0.049	0.0	0.0	0.0	0.0	0.011
22	C.C10	0.0	0.272	0.012	0.0	0.0	0.653	0.0	0.0	0.0	0.0	0.239
23	0.009	0.003	0.537	C.430	C.006	0.0	0.033	0.0	0.0	0.0	0.003	0.030
24	0.0	0.168	0.004	0.079	0.007	0.0	0.0	0.0	0.0	0.0	0.130	0.019
25	0.027	0.012	0.312	C.180	C.029	0.158	0.0	0.0	0.027	0.0	0.102	0.503
26	0.003	0.006	0.209	0.012	C.024	0.967	0.0	0.0	0.033	0.032	0.959	0.011
27	0.008	0.053	0.008	0.0	0.002	0.184	0.0	0.0	0.130	0.051	0.052	0.0
28	0.005	0.029	0.0	C.C10	C.007	0.202	0.0	0.0	0.023	0.0	0.188	0.0
29	0.0	0.0	0.0	0.0	0.076	0.001	0.0	0.046	0.641	0.004	0.109	0.076
30	C.C02	0.0	0.024	0.004	C.0	0.003	0.0	0.0	1.465	0.107	0.065	0.0
31	0.0	0.0	0.0	C.C	C.103	0.0	0.0	0.0	0.0	0.020	0.0	0.0
TOTAL	2.104	1.001	3.044	1.464	1.142	2.839	0.775	0.046	2.558	1.464	1.988	1.891

YEARLY TOTAL 20.315

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015X37 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 13 71	0.253	0.253	0.253	0.253	0.253	0.232	0.171	0.111	0.091	0.059	0.034	
2	3 12 71	0.176	0.176	0.176	0.176	0.176	0.176	0.161	0.132	0.116	0.0	0.0	
3	3 16 71	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.099	0.086	0.0	0.0	
4	3 23 71	0.084	0.084	0.084	0.084	0.084	0.094	0.034	0.071	0.058	0.035	0.030	
5	3 26 71	0.088	0.088	0.088	0.038	0.088	0.088	0.078	0.055	0.036	0.0	0.0	
6	4 23 71	0.213	0.213	0.213	0.213	0.151	0.120	0.105	0.089	0.071	0.043	0.0	
7	6 2 71	0.180	0.180	0.180	0.180	0.180	0.180	0.109	0.076	0.061	0.0	0.0	
8	6 2 71	0.760	0.760	0.760	0.585	0.410	0.220	0.110	0.060	0.0	0.0	0.0	
9	6 26 71	0.293	0.293	0.293	0.293	0.248	0.137	0.093	0.077	0.070	0.065	0.0	
10	6 28 71	0.612	0.327	0.245	0.199	0.154	0.082	0.043	0.030	0.029	0.0	0.0	
11	7 22 71	1.560	1.560	1.187	1.000	0.820	0.540	0.0	0.0	0.0	0.0	0.0	
12	10 1 71	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.105	0.101	0.080	0.061	
13	10 17 71	0.180	0.180	0.180	0.180	0.180	0.156	0.103	0.087	0.068	0.059	0.041	
14	11 27 71	0.146	0.146	0.146	0.146	0.139	0.093	0.070	0.058	0.050	0.037	0.0	
15	12 6 71	0.120	0.120	0.120	0.120	0.120	0.116	0.076	0.051	0.038	0.026	0.0	
16	12 22 71	0.311	0.311	0.311	0.311	0.311	0.263	0.174	0.0	0.0	0.0	0.0	
17	12 25 71	0.082	0.082	0.082	0.082	0.082	0.058	0.045	0.036	0.034	0.0	0.0	
MAXIMUM INTENSITY		1.560	1.560	1.187	1.000	0.820	0.540	0.174	0.132	0.116	0.080	0.061	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022X88 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 18 71	0.098	0.098	0.093	0.093	0.098	0.098	0.098	0.092	0.084	0.062	0.040	
2	2 19 71	0.129	0.129	0.129	0.129	0.129	0.129	0.090	0.059	0.044	0.023	0.0	
3	3 12 71	0.161	0.161	0.161	0.161	0.161	0.161	0.144	0.103	0.094	0.075	0.0	
4	3 17 71	0.123	0.123	0.123	0.123	0.123	0.123	0.121	0.101	0.092	0.052	0.0	
5	3 24 71	0.132	0.071	0.051	0.045	0.045	0.045	0.045	0.040	0.034	0.023	0.022	
6	3 26 71	0.132	0.105	0.095	0.091	0.086	0.082	0.079	0.061	0.045	0.033	0.0	
7	4 10 71	0.114	0.114	0.114	0.114	0.114	0.114	0.102	0.0	0.0	0.0	0.0	
8	4 20 71	0.143	0.143	0.143	0.143	0.143	0.143	0.124	0.0	0.0	0.0	0.0	
9	4 23 71	0.102	0.102	0.102	0.102	0.102	0.092	0.092	0.079	0.068	0.043	0.0	
10	4 25 71	0.183	0.183	0.183	0.183	0.183	0.183	0.162	0.0	0.0	0.0	0.0	
11	5 6 71	0.154	0.154	0.154	0.154	0.154	0.154	0.104	0.063	0.0	0.0	0.0	
12	6 2 71	0.540	0.540	0.475	0.475	0.384	0.200	0.100	0.082	0.070	0.042	0.0	
13	6 26 71	0.255	0.255	0.255	0.255	0.255	0.149	0.107	0.089	0.081	0.072	0.044	
14	6 28 71	0.132	0.132	0.130	0.130	0.130	0.097	0.081	0.054	0.040	0.027	0.0	
15	7 22 71	3.514	2.561	1.819	1.448	1.078	0.0	0.0	0.0	0.0	0.0	0.0	
MAXIMUM INTENSITY		3.514	2.561	1.819	1.448	1.078	0.200	0.162	0.103	0.094	0.075	0.044	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33023X18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 15 71	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.057	0.054	0.035	0.0	
2	1 18 71	0.140	0.140	0.140	0.140	0.140	0.133	0.112	0.096	0.094	0.072	0.041	
3	2 13 71	0.189	0.189	0.189	0.199	0.189	0.120	0.072	0.049	0.039	0.028	0.0	
4	2 19 71	0.378	0.294	0.266	0.252	0.239	0.217	0.153	0.089	0.063	0.0	0.0	
5	3 11 71	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.098	0.085	0.063	0.0	
6	3 16 71	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.075	0.059	0.0	0.0	
7	3 23 71	0.054	0.054	0.054	0.054	0.054	0.054	0.053	0.047	0.047	0.036	0.027	
8	3 26 71	0.104	0.104	0.104	0.104	0.104	0.104	0.102	0.072	0.053	0.035	0.0	
9	4 23 71	0.121	0.121	0.121	0.121	0.121	0.121	0.118	0.098	0.081	0.043	0.0	
10	6 2 71	0.192	0.192	0.192	0.192	0.192	0.167	0.112	0.075	0.069	0.036	0.0	
11	6 26 71	0.338	0.338	0.338	0.338	0.285	0.152	0.101	0.088	0.081	0.072	0.044	
12	6 28 71	0.390	0.390	0.390	0.390	0.276	0.161	0.100	0.058	0.040	0.028	0.0	
13	7 22 71	7.800	4.533	3.400	2.700	1.982	0.0	0.0	0.0	0.0	0.0	0.0	
14	9 30 71	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.115	0.114	0.099	0.074	
15	10 17 71	0.139	0.139	0.139	0.139	0.139	0.139	0.100	0.085	0.071	0.061	0.0	
16	11 26 71	0.092	0.092	0.092	0.092	0.092	0.092	0.085	0.059	0.047	0.0	0.0	
17	12 4 71	0.040	0.040	0.040	0.040	0.040	0.040	0.038	0.025	0.021	0.018	0.0	
18	12 25 71	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.038	0.035	0.0	0.0	
MAXIMUM INTENSITY		7.800	4.533	3.400	2.700	1.982	0.217	0.153	0.115	0.114	0.099	0.074	

1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system.

The study is organized as follows: Section 2 describes the system architecture, Section 3 discusses the experimental setup, and Section 4 presents the results.

Section 5 concludes the study and discusses the implications of the findings.

The study is based on a series of experiments conducted over a period of six months.

The results of the experiments are presented in Section 4, where it is shown that the system performs well under a variety of conditions.

The study also identifies several areas for future research, including the development of more efficient algorithms and the optimization of the system architecture.

The study is a contribution to the field of system performance and provides valuable insights into the factors that affect system performance.

The study is a valuable resource for researchers and practitioners alike, and it is hoped that it will inspire further research in this area.

The study is a testament to the power of systematic research and the importance of understanding the factors that affect system performance.

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RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033x58 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 3 71	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.073	0.0	0.0	0.0	
2	1 13 71	0.181	0.181	0.181	0.181	0.181	0.174	0.137	0.114	0.095	0.063	0.038	
3	2 19 71	0.084	0.084	0.084	0.084	0.084	0.084	0.082	0.073	0.055	0.0	0.0	
4	2 24 71	0.074	0.074	0.074	0.074	0.074	0.074	0.074	0.058	0.048	0.0	0.0	
5	3 12 71	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.065	0.073	0.054	0.033	
6	3 16 71	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.054	0.0	0.0	
7	3 23 71	0.170	0.132	0.088	0.078	0.068	0.063	0.062	0.050	0.044	0.036	0.029	
8	3 26 71	0.196	0.138	0.119	0.109	0.100	0.090	0.085	0.079	0.0	0.0	0.0	
9	4 20 71	0.241	0.241	0.241	0.241	0.241	0.235	0.203	0.0	0.0	0.0	0.0	
10	4 23 71	0.134	0.134	0.134	0.134	0.134	0.101	0.075	0.057	0.046	0.026	0.0	
11	5 6 71	0.187	0.187	0.187	0.187	0.187	0.187	0.134	0.074	0.0	0.0	0.0	
12	6 2 71	0.640	0.640	0.640	0.482	0.323	0.178	0.126	0.095	0.093	0.056	0.040	
13	6 26 71	0.312	0.312	0.312	0.312	0.222	0.131	0.098	0.091	0.086	0.073	0.045	
14	6 28 71	0.156	0.156	0.156	0.156	0.113	0.107	0.070	0.047	0.037	0.026	0.019	
15	7 22 71	1.560	1.560	1.187	1.000	0.820	0.540	0.0	0.0	0.0	0.0	0.0	
16	9 27 71	0.300	0.300	0.300	0.300	0.209	0.117	0.097	0.055	0.043	0.0	0.0	
17	9 30 71	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.134	0.130	0.095	0.072	
18	10 17 71	0.376	0.376	0.291	0.232	0.174	0.115	0.077	0.054	0.050	0.042	0.0	
19	11 27 71	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.083	0.073	0.068	0.048	
20	11 29 71	0.089	0.089	0.089	0.089	0.089	0.084	0.062	0.047	0.036	0.022	0.0	
21	12 12 71	0.112	0.112	0.112	0.112	0.092	0.089	0.079	0.052	0.034	0.0	0.0	
22	12 13 71	0.105	0.105	0.105	0.084	0.063	0.063	0.062	0.045	0.039	0.0	0.0	
23	12 25 71	0.135	0.135	0.112	0.089	0.088	0.088	0.085	0.076	0.065	0.043	0.0	
MAXIMUM INTENSITY		1.560	1.560	1.187	1.000	0.820	0.540	0.203	0.134	0.130	0.095	0.072	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035X01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 17 71	1.872	1.872	1.345	1.081	0.818	0.446	0.259	0.167	0.129	0.079	0.0	
2	3 12 71	0.087	0.087	0.087	0.087	0.087	0.087	0.082	0.074	0.066	0.0	0.0	
3	3 16 71	0.086	0.086	0.086	0.086	0.086	0.086	0.081	0.062	0.050	0.0	0.0	
4	3 23 71	0.141	0.141	0.141	0.141	0.141	0.125	0.111	0.080	0.074	0.052	0.040	
5	3 26 71	0.114	0.114	0.114	0.114	0.114	0.114	0.113	0.088	0.068	0.0	0.0	
6	4 20 71	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.0	0.0	0.0	0.0	
7	6 2 71	1.164	1.164	1.164	0.910	0.656	0.402	0.207	0.112	0.078	0.045	0.0	
8	6 26 71	0.617	0.617	0.617	0.617	0.520	0.277	0.173	0.119	0.096	0.080	0.0	
9	6 28 71	0.268	0.268	0.268	0.268	0.268	0.134	0.072	0.036	0.030	0.020	0.0	
10	7 22 71	0.360	0.360	0.360	0.360	0.320	0.310	0.0	0.0	0.0	0.0	0.0	
11	9 30 71	0.335	0.335	0.268	0.201	0.134	0.117	0.117	0.115	0.106	0.089	0.058	
12	11 26 71	0.232	0.232	0.232	0.232	0.232	0.232	0.176	0.139	0.127	0.109	0.0	
13	12 25 71	0.081	0.081	0.081	0.081	0.081	0.081	0.081	0.074	0.066	0.041	0.0	
MAXIMUM INTENSITY		1.872	1.872	1.345	1.081	0.818	0.446	0.259	0.167	0.129	0.109	0.058	

1. Introduction

The purpose of this study is to investigate the effects of various factors on the growth of a certain plant species.

The study was conducted in a controlled environment over a period of six months.

The following factors were examined: light intensity, temperature, and soil moisture.

The results of the study are presented in the following sections.

The first section discusses the methodology used in the study.

The second section presents the data collected during the experiment.

The third section analyzes the data and discusses the findings.

The fourth section concludes the study and provides recommendations for further research.

The fifth section provides a summary of the study.

The sixth section discusses the limitations of the study.

The seventh section provides a list of references.

The eighth section provides a list of appendices.

The ninth section provides a list of figures.

1. Introduction
The purpose of this study is to investigate the effects of various factors on the growth of a certain plant species. The study was conducted in a controlled environment over a period of six months. The following factors were examined: light intensity, temperature, and soil moisture. The results of the study are presented in the following sections. The first section discusses the methodology used in the study. The second section presents the data collected during the experiment. The third section analyzes the data and discusses the findings. The fourth section concludes the study and provides recommendations for further research. The fifth section provides a summary of the study. The sixth section discusses the limitations of the study. The seventh section provides a list of references. The eighth section provides a list of appendices. The ninth section provides a list of figures.

STATION 33015x87

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.60 FOR YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.020	0.010	0.242	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.010	0.0	0.308	0.078	0.0	0.031	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.055	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.532
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.194	0.032
5	0.0	0.010	0.0	0.039	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0
6	0.0	0.040	0.0	0.013	0.0	0.259	0.0	0.0	0.0	0.0	0.0	0.079
7	0.0	0.0	0.0	0.0	0.0	0.530	0.0	0.0	0.0	0.0	0.0	0.048
8	0.0	0.0	0.0	0.0	0.0	0.129	0.0	0.0	0.0	0.0	0.030	0.031
9	0.016	0.0	0.0	0.0	0.0	0.206	0.0	0.0	0.0	0.302	0.0	0.0
10	0.016	0.0	0.0	0.0	0.0	0.358	0.0	0.010	0.0	0.044	0.0	0.0
11	0.640	0.0	0.0	0.152	0.0	0.0	0.0	0.0	0.238	0.011	0.020	0.0
12	0.032	0.0	0.0	0.076	0.0	0.0	0.0	0.0	0.0	0.022	0.0	0.124
13	0.0	0.358	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.011	0.0	0.0
14	0.0	0.063	0.0	0.0	0.0	0.011	0.0	0.220	0.0	0.022	0.0	0.0
15	0.0	0.063	0.0	0.0	0.0	0.033	0.0	0.060	0.0	0.056	0.0	0.022
16	0.0	0.0	0.0	0.087	0.0	0.020	0.0	0.0	0.0	0.044	0.020	0.0
17	0.051	0.0	0.070	0.033	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.335
18	0.549	0.0	0.450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.089
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.753	0.400	0.022
20	0.017	0.0	0.0	0.0	0.030	0.0	0.0	0.050	0.0	0.0	0.0	0.0
21	0.258	0.0	0.0	0.335	0.090	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.032	0.042	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.113
23	0.0	0.211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.026	0.0	0.051
24	0.0	0.042	0.039	0.0	0.020	0.0	0.0	0.0	0.040	0.0	0.0	0.0
25	0.0	0.0	0.236	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0
26	0.0	0.168	0.039	0.0	0.0	0.0	0.0	0.0	0.470	0.026	0.040	0.0
27	0.0	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.300	0.0	0.0	0.034
28	0.0	0.341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.129	0.020	0.102
29	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.026	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.013	0.0	0.0
31	0.040		0.0		0.0		0.0			0.0		0.207
TOTAL	2.681	1.381	1.452	0.850	0.160	1.627	0.0	0.380	1.068	1.515	0.745	1.821

YEARLY TOTAL 13.680

STATION 33022x88

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.038	0.295	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.522	0.056	0.0	0.044	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.063	0.028	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.511
5	0.0	0.037	0.0	0.028	0.0	0.0	0.0	0.0	0.0	0.060	0.285	0.040
6	0.0	0.037	0.0	0.0	0.0	0.194	0.0	0.0	0.050	0.0	0.019	0.0
7	0.0	0.0	0.0	0.0	0.0	0.444	0.0	0.0	0.0	0.0	0.0	0.134
8	0.0	0.0	0.0	0.0	0.0	0.216	0.0	0.0	0.0	0.0	0.0	0.093
9	0.012	0.019	0.0	0.0	0.0	0.228	0.0	0.0	0.0	0.0	0.010	0.040
10	0.012	0.019	0.0	0.0	0.0	0.313	0.0	0.030	0.0	0.331	0.0	0.0
11	0.689	0.0	0.0	0.218	0.0	0.011	0.0	0.0	0.180	0.0	0.028	0.0
12	0.035	0.0	0.0	0.269	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.096
13	0.0	0.362	0.020	0.050	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.011
14	0.0	0.093	0.0	0.0	0.0	0.056	0.0	0.210	0.0	0.050	0.083	0.0
15	0.0	0.054	0.0	0.0	0.0	0.070	0.0	0.196	0.0	0.050	0.0	0.032
16	0.0	0.0	0.0	0.084	0.0	0.010	0.0	0.0	0.0	0.030	0.034	0.0
17	0.048	0.0	0.080	0.024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.456
18	0.688	0.0	0.280	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.056	0.134
19	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.030	0.826	0.448	0.066
20	0.0	0.0	0.0	0.0	0.145	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.260	0.0	0.0	0.369	0.156	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.374	0.224	0.027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.224	0.336	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.270
24	0.011	0.160	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.032
25	0.0	0.0	0.261	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.016
26	0.0	0.192	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0
27	0.089	0.023	0.0	0.0	0.0	0.0	0.0	0.0	0.510	0.067	0.070	0.0
28	0.011	0.535	0.014	0.0	0.0	0.0	0.0	0.0	0.330	0.0	0.0	0.049
29	0.0	0.0	0.028	0.0	0.0	0.0	0.0	0.0	0.0	0.178	0.0	0.114
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.066	0.0	0.0
31	0.075		0.0		0.0	0.0	0.0	0.0	0.0	0.045	0.0	0.033
TOTAL	3.528	2.129	1.688	1.126	0.331	1.597	0.0	0.020	1.150	1.793	1.103	2.355

YEARLY TOTAL 17.256

STATION 33023x18

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.060	0.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.010	0.0	0.330	0.080	0.0	0.030	0.0	0.0	0.0	0.010	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.567
4	0.020	0.0	0.0	0.032	0.0	0.0	0.0	0.0	0.010	0.070	0.334	0.034
5	0.0	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.070	0.010	0.026	0.0
6	0.0	0.050	0.0	0.0	0.0	0.270	0.0	0.0	0.0	0.0	0.0	0.155
7	0.0	0.0	0.0	0.0	0.0	0.400	0.0	0.0	0.0	0.0	0.0	0.160
8	0.0	0.0	0.0	0.0	0.0	0.220	0.0	0.0	0.0	0.0	0.026	0.067
9	0.0	0.0	0.0	0.0	0.0	0.220	0.0	0.0	0.0	0.390	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.270	0.0	0.020	0.0	0.070	0.0	0.0
11	0.651	0.0	0.0	0.095	0.0	0.0	0.0	0.0	0.250	0.020	0.040	0.0
12	0.012	0.0	0.0	0.116	0.0	0.0	0.0	0.0	0.020	0.010	0.0	0.222
13	0.0	0.296	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.062	0.0	0.0	0.011	0.020	0.0	0.090	0.010	0.010	0.040	0.0
15	0.0	0.025	0.0	0.0	0.0	0.090	0.0	0.070	0.0	0.140	0.010	0.0
16	0.0	0.0	0.0	0.053	0.011	0.050	0.0	0.0	0.010	0.050	0.038	0.0
17	0.012	0.0	0.100	0.011	0.0	0.0	0.0	0.020	0.0	0.0	0.019	0.525
18	0.500	0.0	0.177	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.019	0.144
19	0.0	0.012	0.0	0.011	0.033	0.0	0.0	0.050	0.040	1.000	0.501	0.079
20	0.0	0.037	0.0	0.184	0.184	0.0	0.0	0.140	0.0	0.010	0.0	0.0
21	0.174	0.012	0.0	0.0	0.302	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.046	0.174	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.396
23	0.139	0.145	0.0	0.022	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.032
24	0.0	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.016
25	0.0	0.0	0.208	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.034	0.0
26	0.040	0.050	0.016	0.0	0.0	0.0	0.0	0.0	0.560	0.020	0.103	0.0
27	0.170	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.540	0.010	0.0	0.049
28	0.0	0.300	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.180	0.0	0.114
29	0.0	0.050	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.064	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.051	0.0	0.033
31	0.070		0.0		0.020		0.0	0.010		0.0		0.228
TOTAL	2.843	1.383	1.031	0.636	0.561	1.530	0.0	0.400	1.590	2.135	1.190	2.821

YEARLY TOTAL 16.897

STATION 33033x58

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.020	0.480	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.010	0.0	0.380	0.110	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.170
4	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.180	0.020
5	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.070	0.0	0.010	0.0
6	0.0	0.010	0.0	0.010	0.0	0.210	0.0	0.0	0.0	0.0	0.0	0.130
7	0.0	0.020	0.0	0.0	0.0	0.410	0.0	0.0	0.0	0.0	0.0	0.030
8	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.040	0.040
9	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.400	0.0	0.0
10	0.010	0.0	0.0	0.0	0.0	0.380	0.0	0.080	0.0	0.050	0.0	0.0
11	0.020	0.030	0.0	0.050	0.0	0.0	0.0	0.0	0.310	0.020	0.020	0.0
12	0.320	0.0	0.0	0.190	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.080
13	0.030	0.230	0.090	0.010	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0
14	0.0	0.120	0.0	0.0	0.0	0.060	0.0	0.190	0.0	0.020	0.010	0.0
15	0.0	0.030	0.0	0.0	0.0	0.210	0.0	0.0	0.0	0.090	0.0	0.020
16	0.0	0.020	0.0	0.080	0.0	0.010	0.0	0.0	0.0	0.010	0.030	0.0
17	0.010	0.010	0.070	0.030	0.010	0.0	0.0	0.0	0.0	0.0	0.010	0.420
18	0.620	0.0	0.180	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.160
19	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.030	0.020	1.000	0.300	0.140
20	0.070	0.050	0.0	0.0	0.030	0.0	0.0	0.150	0.0	0.010	0.010	0.0
21	0.360	0.0	0.0	0.270	0.300	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.530	0.170	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.210
23	0.200	0.360	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.050
24	0.0	0.180	0.030	0.0	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.050
25	0.0	0.0	0.170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.030	0.250	0.020	0.0	0.0	0.0	0.0	0.0	0.420	0.010	0.080	0.0
27	0.210	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.460	0.0	0.0	0.0
28	0.0	0.560	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.100
29	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.110
31	0.080		0.0		0.0		0.0	0.0		0.0		0.150
TOTAL	2.520	2.110	1.460	0.810	0.360	1.380	0.0	0.450	1.360	1.790	0.710	1.980

YEARLY TOTAL 14.830

STATION 33035X-01

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.201	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.023	0.0
2	0.0	0.0	0.390	0.060	0.0	0.040	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.700
4	0.186	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.080	0.194	0.0
5	0.0	0.010	0.0	0.020	0.0	0.010	0.0	0.0	0.060	0.0	0.0	0.052
6	0.0	0.030	0.0	0.0	0.0	0.130	0.0	0.0	0.0	0.0	0.0	0.026
7	0.093	0.010	0.0	0.0	0.0	0.420	0.0	0.0	0.0	0.0	0.0	0.130
8	0.0	0.0	0.0	0.0	0.0	0.170	0.0	0.0	0.0	0.0	0.045	0.052
9	0.093	0.0	0.0	0.0	0.0	0.350	0.0	0.0	0.0	0.374	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.290	0.0	0.100	0.0	0.048	0.0	0.0
11	0.093	0.020	0.0	0.020	0.0	0.0	0.0	0.0	0.297	0.012	0.045	0.0
12	0.928	0.0	0.0	0.040	0.0	0.010	0.0	0.0	0.0	0.016	0.075	0.070
13	0.0	0.070	0.050	0.0	0.0	0.010	0.0	0.0	0.0	0.049	0.0	0.0
14	0.0	0.020	0.0	0.0	0.0	0.100	0.0	0.243	0.0	0.016	0.030	0.0
15	0.0	0.0	0.0	0.0	0.0	0.120	0.0	0.032	0.0	0.098	0.045	0.0
16	0.0	0.010	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.016	0.090	0.0
17	0.010	0.0	0.060	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.410
18	0.374	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.110
19	0.0	0.0	0.0	0.0	0.060	0.0	0.020	0.070	0.020	1.132	0.514	0.050
20	0.020	0.084	0.0	0.0	0.146	0.0	0.0	0.050	0.0	0.0	0.0	0.0
21	0.190	0.0	0.0	0.070	0.125	0.010	0.0	0.0	0.0	0.0	0.0	0.0
22	0.510	0.126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.110
23	0.155	0.148	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020
24	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0
25	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.010
26	0.012	0.148	0.0	0.0	0.0	0.0	0.0	0.0	0.420	0.010	0.040	0.0
27	0.036	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.230	0.0	0.0	0.030
28	0.0	0.566	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0
29	0.0	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
TOTAL	2.700	1.311	0.834	0.240	0.351	1.660	0.020	0.495	1.037	1.981	1.173	1.770

YEARLY TOTAL 13.472

WATERSHED - 33022007

REYNOLDS CREEK EXPERIMENTAL WATERSHED
RABBIT CREEK STUDY BASIN (2360 ACRES)

BOISE, IDAHO

THESSIAN WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1972

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.003	0.026	0.238	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0
2	0.006	0.0	0.380	0.075	0.0	0.034	0.0	0.0	0.0	0.003	0.0	0.0
3	0.0	0.0	0.036	0.011	0.0	0.004	0.0	0.0	0.0	0.0	0.003	0.535
4	0.059	0.003	0.0	0.009	0.0	0.0	0.0	0.0	0.003	0.067	0.244	0.023
5	0.0	0.010	0.0	0.022	0.0	0.003	0.0	0.0	0.056	0.003	0.011	0.014
6	0.0	0.035	0.0	0.003	0.0	0.210	0.0	0.0	0.0	0.0	0.0	0.100
7	0.025	0.005	0.0	0.0	0.0	0.443	0.0	0.0	0.0	0.0	0.0	0.105
8	0.0	0.0	0.0	0.0	0.0	0.168	0.0	0.0	0.0	0.0	0.031	0.049
9	0.030	0.003	0.0	0.0	0.0	0.224	0.0	0.0	0.0	0.363	0.0	0.0
10	0.006	0.003	0.0	0.0	0.0	0.311	0.0	0.050	0.0	0.054	0.0	0.0
11	0.418	0.009	0.0	0.097	0.0	0.002	0.0	0.0	0.257	0.013	0.033	0.0
12	0.210	0.0	0.0	0.123	0.0	0.003	0.0	0.0	0.005	0.015	0.022	0.125
13	0.004	0.246	0.029	0.017	0.0	0.003	0.0	0.0	0.0	0.021	0.0	0.002
14	0.0	0.064	0.0	0.0	0.003	0.051	0.0	0.186	0.003	0.021	0.034	0.0
15	0.0	0.030	0.0	0.0	0.0	0.102	0.0	0.069	0.0	0.094	0.015	0.011
16	0.0	0.005	0.0	0.058	0.003	0.020	0.0	0.0	0.003	0.031	0.055	0.0
17	0.023	0.001	0.077	0.016	0.010	0.0	0.0	0.005	0.0	0.0	0.006	0.437
18	0.519	0.0	0.204	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.023	0.126
19	0.0	0.003	0.0	0.003	0.032	0.0	0.005	0.043	0.024	0.967	0.452	0.068
20	0.018	0.040	0.0	0.045	0.122	0.0	0.0	0.080	0.0	0.004	0.001	0.0
21	0.231	0.003	0.0	0.108	0.196	0.003	0.0	0.0	0.0	0.0	0.0	0.0
22	0.881	0.147	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.227
23	0.142	0.216	0.0	0.006	0.0	0.0	0.0	0.0	0.004	0.004	0.0	0.035
24	0.002	0.001	0.028	0.0	0.003	0.0	0.0	0.0	0.037	0.0	0.0	0.014
25	0.0	0.0	0.164	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.025	0.003
26	0.016	0.148	0.020	0.0	0.0	0.0	0.0	0.0	0.480	0.024	0.067	0.0
27	0.058	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.372	0.003	0.0	0.035
28	0.002	0.451	0.014	0.003	0.0	0.0	0.0	0.0	0.0	0.113	0.003	0.030
29	0.0	0.026	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.034	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.023	0.0	0.029
31	0.048	0.0	0.0	0.0	0.005	0.0	0.0	0.006	0.0	0.0	0.0	0.152
TOTAL	2.843	1.579	1.208	0.663	0.375	1.583	0.005	0.438	1.252	1.863	1.033	2.170

YEARLY TOTAL 15.013

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015x87 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 18 72	0.113	0.113	0.113	0.113	0.113	0.113	0.106	0.086	0.063	0.044	0.0	
2	1 22 72	0.121	0.121	0.121	0.121	0.121	0.121	0.121	0.098	0.093	0.075	0.0	
3	2 13 72	0.315	0.277	0.227	0.202	0.176	0.131	0.104	0.086	0.0	0.0	0.0	
4	2 28 72	0.228	0.228	0.228	0.228	0.202	0.139	0.120	0.0	0.0	0.0	0.0	
5	3 2 72	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.055	0.053	0.036	0.0	
6	3 18 72	1.150	1.150	0.928	0.706	0.485	0.260	0.149	0.086	0.071	0.0	0.0	
7	4 21 72	0.145	0.145	0.145	0.145	0.145	0.125	0.104	0.065	0.045	0.0	0.0	
8	6 6 72	0.365	0.365	0.292	0.219	0.167	0.147	0.092	0.0	0.0	0.0	0.0	
9	6 7 72	0.684	0.684	0.504	0.414	0.324	0.234	0.159	0.118	0.092	0.0	0.0	
10	6 10 72	0.516	0.516	0.405	0.324	0.251	0.162	0.081	0.046	0.038	0.029	0.023	
11	8 15 72	0.400	0.400	0.320	0.250	0.182	0.100	0.090	0.055	0.0	0.0	0.0	
12	9 27 72	0.183	0.183	0.183	0.183	0.183	0.113	0.071	0.068	0.050	0.046	0.0	
13	10 9 72	0.275	0.275	0.275	0.275	0.272	0.184	0.0	0.0	0.0	0.0	0.0	
14	10 19 72	0.170	0.170	0.170	0.163	0.143	0.116	0.083	0.062	0.048	0.0	0.0	
15	10 19 72	0.536	0.536	0.536	0.457	0.351	0.277	0.160	0.0	0.0	0.0	0.0	
16	11 19 72	0.120	0.120	0.120	0.120	0.120	0.120	0.092	0.080	0.061	0.0	0.0	
17	12 4 72	0.120	0.098	0.098	0.098	0.098	0.098	0.098	0.073	0.067	0.044	0.0	
18	12 17 72	0.110	0.069	0.069	0.069	0.069	0.069	0.067	0.058	0.049	0.0	0.0	
MAXIMUM INTENSITY		1.150	1.150	0.928	0.706	0.485	0.277	0.160	0.118	0.093	0.075	0.023	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022x88 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM INTENSITIES												
STORM NO.	DATE MO DA YR	MINUTES					HOURS					
		5	10	15	20	30	1	2	4	6	12	24
1	1 12 72	0.350	0.246	0.193	0.167	0.141	0.115	0.102	0.096	0.082	0.046	0.029
2	1 18 72	0.110	0.110	0.110	0.110	0.110	0.110	0.104	0.092	0.077	0.053	0.0
3	1 23 72	0.144	0.144	0.144	0.144	0.144	0.144	0.129	0.126	0.122	0.092	0.058
4	2 13 72	0.162	0.162	0.162	0.162	0.144	0.126	0.117	0.081	0.0	0.0	0.0
5	2 23 72	0.149	0.149	0.149	0.149	0.149	0.136	0.087	0.053	0.041	0.0	0.0
6	2 28 72	0.325	0.325	0.325	0.325	0.325	0.325	0.190	0.0	0.0	0.0	0.0
7	3 2 72	0.097	0.097	0.097	0.096	0.094	0.092	0.089	0.080	0.075	0.049	0.0
8	3 18 72	0.076	0.076	0.076	0.076	0.076	0.071	0.059	0.038	0.043	0.0	0.0
9	3 25 72	0.145	0.145	0.145	0.139	0.124	0.089	0.069	0.053	0.040	0.0	0.0
10	4 12 72	0.201	0.201	0.201	0.201	0.201	0.138	0.092	0.049	0.036	0.0	0.0
11	4 21 72	0.190	0.190	0.190	0.190	0.190	0.139	0.126	0.081	0.055	0.0	0.0
12	6 7 72	0.648	0.408	0.329	0.289	0.249	0.209	0.149	0.095	0.067	0.0	0.0
13	6 10 72	0.324	0.324	0.324	0.324	0.216	0.108	0.054	0.032	0.025	0.023	0.0
14	8 15 72	0.252	0.252	0.210	0.210	0.168	0.084	0.065	0.052	0.0	0.0	0.0
15	9 27 72	0.225	0.225	0.225	0.225	0.225	0.157	0.090	0.078	0.058	0.053	0.0
16	10 9 72	0.392	0.392	0.392	0.392	0.392	0.230	0.163	0.0	0.0	0.0	0.0
17	10 19 72	0.492	0.308	0.247	0.216	0.185	0.122	0.089	0.067	0.049	0.0	0.0
18	10 19 72	0.306	0.306	0.266	0.262	0.262	0.254	0.192	0.0	0.0	0.0	0.0
19	11 19 72	0.206	0.206	0.206	0.206	0.206	0.206	0.130	0.091	0.072	0.0	0.0
20	12 3 72	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.065	0.062	0.042	0.0
21	12 17 72	0.192	0.192	0.154	0.142	0.142	0.116	0.097	0.084	0.064	0.036	0.0
MAXIMUM INTENSITY		0.648	0.408	0.392	0.392	0.392	0.325	0.192	0.126	0.122	0.092	0.058

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33028X18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	2	13	72	0.088	0.088	0.088	0.088	0.088	0.088	0.085	0.066	0.0	0.0	0.0
2	2	23	72	0.129	0.129	0.129	0.129	0.129	0.116	0.096	0.064	0.0	0.0	0.0
3	3	2	72	0.069	0.069	0.069	0.069	0.069	0.069	0.054	0.040	0.032	0.022	0.0
4	5	21	72	0.220	0.143	0.105	0.086	0.067	0.061	0.043	0.040	0.030	0.017	0.0
5	6	6	72	0.250	0.250	0.200	0.197	0.189	0.172	0.100	0.062	0.042	0.0	0.0
6	6	7	72	0.180	0.180	0.180	0.180	0.180	0.175	0.137	0.091	0.063	0.0	0.0
7	6	10	72	0.825	0.684	0.496	0.390	0.260	0.130	0.066	0.035	0.026	0.023	0.0
8	9	27	72	0.262	0.262	0.262	0.260	0.260	0.188	0.127	0.107	0.078	0.067	0.0
9	10	9	72	0.300	0.300	0.300	0.300	0.243	0.220	0.0	0.0	0.0	0.0	0.0
10	10	19	72	0.225	0.225	0.225	0.211	0.192	0.174	0.121	0.087	0.066	0.0	0.0
11	10	19	72	0.550	0.550	0.500	0.450	0.400	0.304	0.234	0.0	0.0	0.0	0.0
12	11	19	72	0.222	0.222	0.222	0.222	0.222	0.201	0.149	0.109	0.082	0.0	0.0
13	12	22	72	0.053	0.053	0.053	0.053	0.053	0.049	0.042	0.031	0.028	0.025	0.0
MAXIMUM INTENSITY				0.825	0.684	0.500	0.450	0.400	0.304	0.234	0.109	0.082	0.067	0.0

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033X58 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE MO DA YR			STORM INTENSITIES											
				MINUTES					HOURS						
				5	10	15	20	30	1	2	4	6	12	24	
1	1	13	72	0.075	0.075	0.075	0.075	0.075	0.075	0.053	0.038	0.032	0.019	0.0	
2	1	18	72	0.088	0.088	0.088	0.088	0.088	0.088	0.083	0.079	0.070	0.048	0.0	
3	1	22	72	0.083	0.083	0.083	0.083	0.083	0.083	0.074	0.053	0.049	0.031	0.0	
4	1	23	72	0.067	0.067	0.067	0.066	0.066	0.066	0.066	0.052	0.045	0.035	0.0	
5	2	23	72	0.130	0.130	0.130	0.130	0.130	0.130	0.074	0.052	0.041	0.0	0.0	
6	2	28	72	0.187	0.187	0.187	0.187	0.187	0.187	0.145	0.092	0.0	0.0	0.0	
7	3	2	72	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.058	0.051	0.038	0.029	
8	4	21	72	0.245	0.136	0.136	0.136	0.102	0.061	0.037	0.031	0.032	0.021	0.0	
9	6	7	72	0.450	0.360	0.240	0.208	0.192	0.155	0.110	0.077	0.062	0.033	0.0	
10	9	11	72	0.165	0.165	0.165	0.165	0.165	0.116	0.067	0.044	0.039	0.0	0.0	
11	9	27	72	0.214	0.214	0.214	0.214	0.200	0.121	0.104	0.090	0.064	0.051	0.0	
12	10	9	72	0.339	0.339	0.339	0.339	0.339	0.260	0.0	0.0	0.0	0.0	0.0	
13	10	19	72	0.371	0.240	0.240	0.240	0.192	0.143	0.091	0.072	0.056	0.0	0.0	
14	10	19	72	0.750	0.750	0.750	0.672	0.531	0.312	0.247	0.0	0.0	0.0	0.0	
15	11	19	72	0.150	0.150	0.150	0.150	0.150	0.124	0.086	0.056	0.043	0.0	0.0	
16	12	17	72	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.085	0.062	0.034	0.0	
MAXIMUM INTENSITY				0.750	0.750	0.750	0.672	0.531	0.312	0.247	0.092	0.070	0.051	0.029	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035X01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	1 12 72	0.696	0.696	0.696	0.696	0.696	0.396	0.224	0.138	0.0	0.0	0.0	
2	1 13 72	0.056	0.056	0.056	0.056	0.056	0.056	0.055	0.052	0.039	0.030	0.0	
3	1 22 72	0.159	0.089	0.066	0.054	0.042	0.039	0.039	0.038	0.037	0.032	0.0	
4	2 28 72	0.562	0.463	0.331	0.265	0.236	0.184	0.157	0.0	0.0	0.0	0.0	
5	3 2 72	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.038	0.030	0.028	0.0	
6	6 7 72	0.557	0.557	0.522	0.399	0.277	0.166	0.131	0.090	0.063	0.0	0.0	
7	6 10 72	0.540	0.540	0.540	0.540	0.360	0.180	0.093	0.062	0.044	0.027	0.0	
8	8 15 72	0.365	0.365	0.365	0.365	0.316	0.158	0.084	0.061	0.0	0.0	0.0	
9	9 11 72	0.318	0.318	0.318	0.318	0.220	0.117	0.058	0.037	0.042	0.0	0.0	
10	9 27 72	0.220	0.220	0.220	0.220	0.220	0.117	0.068	0.065	0.052	0.039	0.0	
11	10 9 72	0.230	0.330	0.330	0.330	0.298	0.210	0.0	0.0	0.0	0.0	0.0	
12	10 19 72	0.264	0.264	0.222	0.201	0.180	0.159	0.104	0.082	0.060	0.0	0.0	
13	10 19 72	0.658	0.658	0.658	0.658	0.658	0.402	0.307	0.0	0.0	0.0	0.0	
14	11 19 72	0.173	0.173	0.173	0.173	0.173	0.171	0.139	0.098	0.074	0.0	0.0	
15	12 3 72	0.094	0.094	0.094	0.094	0.094	0.094	0.094	0.086	0.079	0.053	0.0	
16	12 17 72	0.360	0.360	0.360	0.360	0.297	0.213	0.162	0.092	0.064	0.0	0.0	
MAXIMUM INTENSITY		0.696	0.696	0.696	0.696	0.696	0.402	0.307	0.138	0.079	0.053	0.0	

STATION 33015487

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0	0.0
5	0.0	0.017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.120	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0
8	0.014	0.0	0.0	0.0	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
10	0.014	0.050	0.356	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.232	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.040	0.070	1.819	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0
14	0.0	0.020	0.0	0.377	0.0	0.250	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.141	0.0	0.0	0.044	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0
17	0.018	0.093	0.0	0.108	0.0	0.231	0.0	0.0	0.0	0.0	0.0	0.0
18	0.176	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.469	0.080	0.0	0.0	0.0	0.014	0.0	0.0	0.0
20	0.0	0.0	0.389	0.0	0.0	0.0	0.025	0.0	0.274	0.0	0.0	0.0
21	0.0	0.0	0.180	0.0	0.0	0.0	0.038	0.0	0.0	0.0	0.0	0.0
22	0.0	0.023	0.030	0.059	0.0	0.0	0.202	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.227	0.0	0.0	0.0
24	0.0	0.010	0.0	0.0	0.130	0.0	0.0	0.0	0.516	0.0	0.0	0.0
25	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0
26	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.010		0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.020		0.0		0.0		0.0	0.0		0.0		0.0
TOTAL	0.782	0.403	1.085	2.896	0.270	0.507	0.315	0.130	1.211	0.0	0.0	0.0

YEARLY TOTAL 7.599

STATION 33022788

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0
2	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.030	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0
7	0.0	0.100	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.0	0.0	0.0
8	0.016	0.010	0.0	0.0	0.080	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.065	0.020	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
10	0.016	0.100	0.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.096	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.360	0.040	0.028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.010	0.101	1.530	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0
14	0.0	0.010	0.0	0.420	0.0	0.320	0.050	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.231	0.0	0.0	0.072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.015	0.080	0.086	0.302	0.0	0.250	0.0	0.0	0.0	0.0	0.0	0.0
18	0.382	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.480	0.200	0.0	0.010	0.0	0.011	0.0	0.0	0.0
20	0.0	0.0	0.492	0.0	0.0	0.0	0.030	0.0	0.264	0.0	0.0	0.0
21	0.0	0.0	0.073	0.0	0.0	0.0	0.020	0.010	0.0	0.0	0.0	0.0
22	0.0	0.0	0.036	0.010	0.0	0.0	0.080	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.163	0.0	0.0	0.0
24	0.010	0.010	0.0	0.020	0.245	0.0	0.0	0.0	0.615	0.0	0.0	0.0
25	0.040	0.0	0.0	0.0	0.023	0.0	0.0	0.0	0.054	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.030	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.040	0.0	0.010	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
TOTAL	1.301	0.390	1.246	2.854	0.588	0.570	0.220	0.110	1.207	0.0	0.0	0.0

YEARLY TOTAL 8.546

STATION 33028X18

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.030	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.050	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.060	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.010	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.150	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.080	0.472	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.206	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.020	0.115	1.330	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.500	0.0	0.720	0.070	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.193	0.0	0.0	0.216	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
17	0.026	0.100	0.024	0.342	0.0	0.150	0.0	0.0	0.0	0.0	0.0	0.0
18	0.383	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.210	0.0	0.0	0.0	0.011	0.0	0.0	0.0
20	0.0	0.0	0.321	0.0	0.0	0.0	0.070	0.0	0.237	0.0	0.0	0.0
21	0.0	0.0	0.111	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0
22	0.0	0.0	0.025	0.050	0.0	0.0	0.110	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.150	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.287	0.0	0.0	0.0	0.460	0.0	0.0	0.0
25	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.010	0.0	0.0	0.0
26	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0	0.0
TOTAL	0.918	0.320	1.122	2.478	0.657	0.880	0.280	0.230	1.018	0.0	0.0	0.0

YEARLY TOTAL 7.903

STATION 33033458

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.024	0.0	0.0	0.090	0.0	0.0	0.0	0.0
4	0.0	0.095	0.0	0.0	0.144	0.0	0.0	0.130	0.0	0.0	0.0	0.0
5	0.0	0.118	0.0	0.0	0.048	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.010	0.048	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.238	0.0	0.0	0.0	0.0	0.0	0.0	0.150	0.0	0.0	0.0
8	0.040	0.0	0.0	0.0	0.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.030	0.048	0.0	0.0	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
10	0.0	0.260	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.300	0.097	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.041	0.0	1.051	0.0	0.0	0.040	0.0	0.0	0.0	0.0	0.0
14	0.0	0.041	0.0	0.555	0.0	0.791	0.110	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.120	0.0	0.0	0.216	0.0	0.029	0.0	0.0	0.0	0.0	0.0	0.0
17	0.020	0.040	0.042	0.342	0.0	0.228	0.0	0.0	0.0	0.0	0.0	0.0
18	0.180	0.0	0.0	0.030	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.120	0.344	0.0	0.0	0.0	0.010	0.0	0.0	0.0
20	0.0	0.0	0.195	0.0	0.0	0.0	0.100	0.0	0.260	0.0	0.0	0.0
21	0.0	0.0	0.154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.014	0.040	0.0	0.0	0.090	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.200	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.340	0.0	0.0	0.0	0.570	0.0	0.0	0.0
25	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.010		0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.050		0.0		0.0
TOTAL	0.770	1.037	0.476	2.364	1.030	1.048	0.370	0.290	1.240	0.0	0.0	0.0

YEARLY TOTAL 8.625

STATION 33035401

REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80 FOR YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.110	0.0	0.0	0.0	0.0
4	0.0	0.030	0.0	0.0	0.030	0.0	0.0	0.020	0.0	0.0	0.0	0.0
5	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.036	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.090	0.0	0.0	0.0	0.0	0.0	0.0	0.190	0.0	0.0	0.0
8	0.018	0.0	0.0	0.0	0.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.0	0.0
10	0.0	0.060	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.318	0.090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.030	0.020	1.197	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.383	0.0	0.386	0.120	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.123	0.0	0.0	0.121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.054	0.010	0.014	0.318	0.0	0.090	0.0	0.0	0.0	0.0	0.0	0.0
18	0.142	0.0	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.030	0.100	0.0	0.010	0.0	0.022	0.0	0.0	0.0
20	0.0	0.0	0.171	0.0	0.0	0.0	0.060	0.0	0.275	0.0	0.0	0.0
21	0.0	0.0	0.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.030	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.182	0.0	0.0	0.0
24	0.0	0.010	0.0	0.0	0.300	0.0	0.0	0.0	0.445	0.0	0.0	0.0
25	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.091	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.020	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.090	0.0	0.0	0.0	0.0
TOTAL	0.854	0.360	0.485	2.099	0.540	0.476	0.270	0.260	1.205	0.0	0.0	0.0

YEARLY TOTAL 6.549

WATERSHED - 33022007

REYNOLDS CREEK EXPERIMENTAL WATERSHED
RABBIT CREEK STUDY BASIN (2360 ACRES)

BOISE, IDAHO

THESSIER WEIGHTED PRECIPITATION -- DAILY, MONTHLY, YEARLY SUMMARY FOR THE YEAR 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.014	C.008	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.024	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	C.0	0.013	0.0	0.0	0.072	0.0	0.0	0.0	0.0
4	0.0	0.021	0.0	C.0	C.036	0.0	0.0	0.049	0.0	0.0	0.0	0.0
5	0.0	0.024	0.0	0.003	C.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.013	0.016	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0
7	0.0	0.111	0.0	C.0	C.0	C.0	0.0	0.0	0.133	0.0	0.0	0.0
8	0.015	0.002	0.0	0.0	0.085	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.017	0.009	0.0	C.0	C.0	0.0	0.0	0.031	0.0	0.0	0.0	0.0
10	0.005	0.097	0.260	0.0	C.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	C.049	C.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.278	0.060	0.005	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.027	0.063	1.369	0.0	0.0	0.033	0.0	0.0	0.0	0.0	0.0
14	0.0	C.010	0.0	0.443	0.0	0.497	0.074	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.007	C.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.161	0.0	0.0	0.138	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0
17	0.030	0.063	0.030	C.250	0.0	0.173	0.0	0.0	0.0	0.0	0.0	0.0
18	0.256	0.0	0.0	C.016	C.003	0.0	0.004	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	C.178	0.175	0.0	0.004	0.0	0.014	0.0	0.0	0.0
20	0.0	0.0	0.302	C.0	C.0	0.0	0.058	0.0	0.261	0.0	0.0	0.0
21	C.0	0.0	0.146	C.0	0.0	0.0	0.009	0.004	0.0	0.0	0.0	0.0
22	C.0	0.004	0.019	0.038	0.0	0.0	0.101	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	C.001	0.0	0.0	0.002	0.0	0.180	0.0	0.0	0.0
24	0.002	0.006	0.0	0.003	0.265	0.0	0.0	0.0	0.520	0.0	0.0	0.0
25	0.030	0.001	0.0	C.0	C.004	0.0	0.0	0.011	0.048	0.0	0.0	0.0
26	0.010	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
27	0.0	C.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.016	C.0	0.028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.023	0.0	0.002	C.0	C.0	C.0	0.0	0.043	0.0	0.0	0.0	0.0
TOTAL	0.528	0.451	0.876	2.486	0.601	0.682	0.285	0.211	1.158	0.0	0.0	0.0
YEARLY TOTAL	7.677											

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33015x87 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE MO DA YR	MINUTES					HOURS						
		5	10	15	20	30	1	2	4	6	12	24	
1	3 10 73	0.374	0.374	0.374	0.374	0.287	0.168	0.109	0.079	0.057	0.0	0.0	
2	3 20 73	0.450	0.450	0.375	0.372	0.317	0.204	0.172	0.095	0.0	0.0	0.0	
3	4 14 73	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.289	0.251	0.168	0.0	
4	4 19 73	0.173	0.173	0.173	0.173	0.173	0.120	0.086	0.072	0.067	0.0	0.0	
5	6 17 73	0.274	0.274	0.262	0.220	0.178	0.136	0.122	0.0	0.0	0.0	0.0	
6	9 20 73	0.183	0.183	0.183	0.176	0.176	0.166	0.099	0.065	0.0	0.0	0.0	
7	9 24 73	0.190	0.190	0.190	0.190	0.190	0.190	0.114	0.064	0.0	0.0	0.0	
8	9 24 73	0.294	0.294	0.294	0.294	0.294	0.163	0.135	0.0	0.0	0.0	0.0	
MAXIMUM INTENSITY		0.450	0.450	0.395	0.395	0.395	0.395	0.395	0.289	0.251	0.168	0.0	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33022x88 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE MO DA YR	STORM INTENSITIES										
		5	10	15	20	30	1	2	4	6	12	24
1	1 12 73	0.305	0.305	0.286	0.256	0.210	0.150	0.129	0.0	0.0	0.0	0.0
2	1 18 73	0.345	0.292	0.222	0.187	0.152	0.115	0.095	0.076	0.059	0.0	0.0
3	3 10 73	0.330	0.330	0.330	0.330	0.306	0.217	0.130	0.096	0.0	0.0	0.0
4	3 20 73	0.430	0.430	0.369	0.308	0.282	0.208	0.182	0.114	0.0	0.0	0.0
5	4 14 73	0.300	0.300	0.300	0.300	0.300	0.287	0.231	0.209	0.185	0.147	0.0
6	4 17 73	0.290	0.196	0.152	0.129	0.103	0.077	0.060	0.057	0.048	0.0	0.0
7	4 19 73	0.200	0.200	0.200	0.200	0.200	0.171	0.116	0.088	0.075	0.0	0.0
8	5 25 73	0.217	0.217	0.217	0.200	0.177	0.118	0.073	0.050	0.039	0.0	0.0
9	6 14 73	0.100	0.100	0.100	0.100	0.100	0.072	0.056	0.042	0.038	0.025	0.0
10	9 20 73	0.192	0.192	0.161	0.146	0.130	0.117	0.081	0.061	0.0	0.0	0.0
11	9 24 73	0.322	0.301	0.273	0.259	0.233	0.223	0.142	0.075	0.056	0.049	0.0
MAXIMUM INTENSITY		0.430	0.430	0.369	0.330	0.306	0.287	0.231	0.209	0.185	0.147	0.0

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33028x18 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM		DATE		STORM INTENSITIES												
NO.		MO	DA	YR	MINUTES					HOURS						
					5	10	15	20	30	1	2	4	6	12	24	
1		1	18	73	0.040	0.040	0.040	0.040	0.040	0.040	0.037	0.031	0.031	0.030	0.0	
2		3	10	73	0.430	0.430	0.430	0.411	0.356	0.266	0.164	0.115	0.0	0.0	0.0	
3		3	21	73	0.076	0.076	0.076	0.076	0.076	0.076	0.071	0.048	0.048	0.029	0.0	
4		4	14	73	0.271	0.271	0.271	0.271	0.271	0.260	0.205	0.189	0.151	0.123	0.072	
5		4	17	73	0.187	0.159	0.142	0.122	0.107	0.097	0.077	0.055	0.054	0.034	0.0	
6		5	24	73	0.492	0.492	0.357	0.289	0.222	0.137	0.089	0.065	0.047	0.0	0.0	
7		6	14	73	0.142	0.142	0.142	0.142	0.142	0.124	0.108	0.081	0.076	0.0	0.0	
8		9	24	73	0.282	0.282	0.282	0.249	0.197	0.156	0.090	0.055	0.038	0.036	0.0	
MAXIMUM INTENSITY					0.492	0.492	0.430	0.411	0.356	0.266	0.205	0.189	0.151	0.123	0.072	

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33033x53 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS
 STORM INTENSITIES

STORM NO.	DATE			MINUTES					HOURS					
	MO	DA	YR	5	10	15	20	30	1	2	4	6	12	24
1	2	7	73	0.055	0.055	0.055	0.055	0.051	0.042	0.041	0.034	0.029	0.022	0.0
2	3	21	73	0.084	0.084	0.084	0.084	0.070	0.070	0.056	0.045	0.032	0.021	0.0
3	4	14	73	0.356	0.356	0.356	0.356	0.356	0.273	0.193	0.171	0.152	0.095	0.0
4	4	17	73	0.187	0.159	0.142	0.122	0.107	0.097	0.077	0.055	0.054	0.034	0.0
5	5	19	73	2.250	1.350	0.900	0.675	0.450	0.225	0.112	0.071	0.057	0.0	0.0
6	5	24	73	0.300	0.300	0.218	0.177	0.136	0.118	0.032	0.066	0.051	0.0	0.0
7	6	14	73	0.206	0.206	0.206	0.206	0.206	0.135	0.087	0.083	0.077	0.064	0.0
8	6	17	73	0.430	0.258	0.172	0.129	0.118	0.092	0.073	0.052	0.037	0.0	0.0
9	9	24	73	0.300	0.300	0.300	0.300	0.274	0.186	0.138	0.077	0.053	0.046	0.0
MAXIMUM INTENSITY				2.250	1.350	0.900	0.675	0.450	0.273	0.193	0.171	0.152	0.095	0.0

RAINFALL INTENSITIES FOR REYNOLDS CREEK EXPERIMENTAL WATERSHED

BOISE IDAHO

STATION 33035x01 ACTUAL PRECIPITATION USING A COEFFICIENT OF 1.80
 DEFINITION OF STORM, PRECIPITATION STORM ACCUMULATIONS WHICH ARE EQUAL TO OR GREATER THAN
 0.25 INCHES AND WHERE NO TIME PERIODS OF PRECIPITATION ARE ZERO FOR MORE THAN 4.00 HOURS

STORM NO.	DATE MO DA YR	STORM INTENSITIES										
		5	10	15	20	30	1	2	HOURS			
									4	6	12	24
1	4 14 73	0.305	0.305	0.305	0.305	0.305	0.277	0.213	0.210	0.171	0.111	0.0
2	4 17 73	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.0	0.0
3	5 24 73	0.187	0.187	0.187	0.157	0.120	0.097	0.066	0.060	0.048	0.0	0.0
4	6 14 73	0.117	0.117	0.117	0.117	0.117	0.092	0.053	0.048	0.043	0.0	0.0
5	9 24 73	0.190	0.190	0.190	0.190	0.190	0.183	0.114	0.0	0.0	0.0	0.0
MAXIMUM INTENSITY		0.305	0.305	0.305	0.305	0.305	0.277	0.213	0.210	0.171	0.111	0.0

APPENDIX C

RUNOFF DATA
(Daily, Monthly, and Yearly Summary)

<u>Year</u>	<u>Watershed</u>	<u>Units</u>	<u>Page</u>
1968	33015096	cfs	109
		inches	110
1968	33022007	cfs	111
		inches	112
1969	33015096	cfs	113
		inches	114
1969	33022007	cfs	115
		inches	116
1970	33015096	cfs	117
		inches	118
1970	33022007	cfs	119
		inches	120
1971	33015096	cfs	121
		inches	122
1971	33022007	cfs	123
		inches	124
1972	33015096	cfs	125
		inches	126
1972	33022007	cfs	127
		inches	128

Continued

<u>Year</u>	<u>Watershed</u>	<u>Units</u>	<u>Page</u>
1973	33015096	cfs	129
		inches	130
1973	33022007	cfs	131
		inches	132

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D=0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1968

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.004
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.005
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.006
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.005
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.004
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.004
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.005
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.006
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.006
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.006
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.003
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.005
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.004	0.006
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.004	0.005
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.006	0.005
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.005
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.005
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.006
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.005
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.007
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.006	0.013
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.009
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.008
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.006	0.008
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.007
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.007
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.007
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.007
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.003	0.005
YEARLY TOTAL-		0.001										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1968

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00026
2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00030
3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00011	0.00031
4	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00011	0.00036
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00008	0.00034
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00008	0.00024
7	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00007	0.00028
8	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00013	0.00033
9	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00014	0.00035
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00010	0.00037
11	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00009	0.00036
12	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00020	0.00017
13	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00013	0.00014
14	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00006	0.00014
15	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00020	0.00030
16	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00021	0.00037
17	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00021	0.00031
18	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00039	0.00031
19	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00034	0.00031
20	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00032	0.00031
21	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00029	0.00038
22	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00029	0.00032
23	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00029	0.00048
24	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00036	0.00083
25	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00034	0.00059
26	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00034	0.00053
27	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00036	0.00049
28	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00034	0.00046
29	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00033	0.00044
30	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00030	0.00042
31	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00042
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00083	0.00621	0.01106
YEARLY TOTAL-	0.01811											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1968

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.114	0.116	0.139	0.151
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.116	0.114	0.141	0.151
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.111	0.111	0.148	0.151
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.112	0.109	0.148	0.151
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.114	0.105	0.148	0.151
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.067	0.111	0.107	0.141	0.151
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.111	0.118	0.139	0.151
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.105	0.118	0.141	0.151
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.074	0.102	0.111	0.138	0.151
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.087	0.098	0.111	0.132	0.151
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.377	0.097	0.114	0.132	0.151
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077	0.091	0.119	0.134	0.151
13	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.082	0.089	0.123	0.139	0.151
14	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.110	0.089	0.131	0.143	0.151
15	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.081	0.092	0.121	0.139	0.151
16	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.086	0.097	0.118	0.137	0.151
17	0.000	0.000	0.000	0.000	0.000	0.000	0.074	0.131	0.104	0.118	0.139	0.151
18	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.092	0.104	0.116	0.145	0.151
19	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.135	0.100	0.133	0.151	0.136
20	0.000	0.000	0.000	0.000	0.000	0.000	0.064	0.119	0.100	0.121	0.151	0.121
21	0.000	0.000	0.000	0.000	0.000	0.000	0.072	0.102	0.109	0.119	0.149	0.121
22	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.099	0.109	0.119	0.161	0.121
23	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.099	0.102	0.119	0.155	0.121
24	0.000	0.000	0.000	0.000	0.000	0.000	0.072	0.100	0.093	0.121	0.155	0.121
25	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.105	0.087	0.125	0.155	0.119
26	0.000	0.000	0.000	0.000	0.000	0.000	0.072	0.102	0.089	0.125	0.153	0.119
27	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.099	0.099	0.128	0.151	0.121
28	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.105	0.107	0.132	0.151	0.119
29	0.000	0.000	0.000	0.000	0.000	0.000	0.065	0.102	0.109	0.134	0.151	0.123
30	0.000	0.000	0.000	0.000	0.000	0.000	0.062	0.092	0.112	0.136	0.151	0.130
31	0.000	0.000	0.000	0.000	0.000	0.000	0.062	0.101	0.000	0.137	0.000	0.138
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.042	0.090	0.102	0.120	0.144	0.139
YEARLY TOTAL-		0.053										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1968

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00071	0.00115	0.00117	0.00141	0.00152
2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00076	0.00117	0.00113	0.00142	0.00152
3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00071	0.00112	0.00111	0.00149	0.00152
4	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00068	0.00113	0.00110	0.00144	0.00152
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00066	0.00115	0.00106	0.00144	0.00152
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00067	0.00111	0.00108	0.00142	0.00152
7	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00068	0.00111	0.00119	0.00141	0.00152
8	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00069	0.00106	0.00119	0.00142	0.00152
9	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00075	0.00103	0.00111	0.00139	0.00152
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00088	0.00099	0.00111	0.00133	0.00152
11	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00077	0.00098	0.00115	0.00133	0.00152
12	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00077	0.00091	0.00120	0.00135	0.00152
13	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00070	0.00083	0.00090	0.00124	0.00141	0.00152
14	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00063	0.00111	0.00090	0.00132	0.00144	0.00152
15	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00072	0.00082	0.00093	0.00122	0.00141	0.00152
16	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00071	0.00086	0.00098	0.00119	0.00139	0.00152
17	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00074	0.00132	0.00105	0.00119	0.00141	0.00152
18	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00072	0.00093	0.00105	0.00117	0.00146	0.00152
19	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00076	0.00136	0.00101	0.00134	0.00152	0.00137
20	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00064	0.00120	0.00101	0.00122	0.00152	0.00122
21	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00073	0.00103	0.00110	0.00120	0.00150	0.00122
22	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00076	0.00100	0.00110	0.00120	0.00162	0.00122
23	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00076	0.00100	0.00103	0.00120	0.00156	0.00122
24	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00073	0.00101	0.00094	0.00122	0.00156	0.00122
25	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00070	0.00106	0.00088	0.00126	0.00156	0.00120
26	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00073	0.00103	0.00090	0.00126	0.00154	0.00120
27	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00070	0.00100	0.00100	0.00129	0.00152	0.00122
28	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00070	0.00105	0.00108	0.00133	0.00152	0.00120
29	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00066	0.00103	0.00110	0.00135	0.00152	0.00124
30	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00062	0.00093	0.00113	0.00137	0.00152	0.00131
31	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00063	0.00101	0.00000	0.00139	0.00000	0.00139
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.01323	0.02820	0.03095	0.03743	0.04368	0.04346
YEARLY TOTAL-	0.19685											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1969

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.007	0.103	0.044	0.249	0.061	0.028	0.016	0.004	0.002	0.009	0.015	0.012
2	0.011	0.100	0.039	0.239	0.061	0.028	0.013	0.004	0.002	0.013	0.015	0.012
3	0.010	0.084	0.039	0.216	0.056	0.028	0.014	0.004	0.003	0.011	0.015	0.012
4	0.010	0.084	0.039	0.220	0.051	0.026	0.014	0.004	0.004	0.011	0.015	0.014
5	0.010	0.078	0.039	0.238	0.047	0.025	0.014	0.004	0.005	0.011	0.015	0.014
6	0.010	0.074	0.037	0.245	0.050	0.026	0.014	0.006	0.004	0.011	0.018	0.014
7	0.010	0.064	0.037	0.205	0.049	0.023	0.013	0.005	0.004	0.010	0.017	0.015
8	0.010	0.063	0.038	0.189	0.048	0.072	0.012	0.005	0.004	0.010	0.016	0.015
9	0.009	0.063	0.038	0.174	0.045	0.029	0.011	0.006	0.005	0.011	0.016	0.015
10	0.008	0.064	0.035	0.169	0.044	0.032	0.010	0.006	0.006	0.013	0.016	0.015
11	0.010	0.068	0.033	0.158	0.042	0.027	0.010	0.006	0.006	0.011	0.016	0.015
12	0.019	0.080	0.033	0.156	0.048	0.022	0.010	0.006	0.006	0.011	0.016	0.020
13	0.052	0.074	0.034	0.160	0.044	0.022	0.011	0.005	0.006	0.011	0.016	0.022
14	0.042	0.069	0.035	0.155	0.059	0.020	0.011	0.004	0.006	0.011	0.016	0.021
15	0.028	0.069	0.046	0.141	0.041	0.020	0.011	0.003	0.006	0.011	0.016	0.020
16	0.023	0.068	0.072	0.132	0.036	0.019	0.010	0.003	0.006	0.016	0.016	0.019
17	0.017	0.064	0.239	0.131	0.035	0.017	0.010	0.004	0.006	0.019	0.014	0.018
18	0.017	0.063	0.112	0.137	0.038	0.016	0.009	0.004	0.006	0.015	0.014	0.018
19	0.128	0.059	0.094	0.122	0.043	0.019	0.009	0.004	0.006	0.013	0.014	0.021
20	1.602	0.059	0.083	0.116	0.039	0.019	0.008	0.004	0.008	0.013	0.013	0.024
21	2.569	0.058	0.080	0.112	0.035	0.016	0.008	0.004	0.009	0.013	0.013	0.025
22	0.442	0.058	0.092	0.110	0.032	0.016	0.007	0.004	0.009	0.013	0.013	0.019
23	0.237	0.057	0.087	0.112	0.032	0.023	0.007	0.004	0.009	0.013	0.013	0.023
24	0.214	0.055	0.073	0.109	0.030	0.021	0.008	0.003	0.009	0.013	0.014	0.021
25	0.194	0.050	0.075	0.101	0.030	0.021	0.011	0.002	0.009	0.013	0.014	0.020
26	0.159	0.045	0.087	0.090	0.031	0.019	0.009	0.002	0.009	0.013	0.014	0.017
27	0.138	0.045	0.131	0.080	0.030	0.022	0.009	0.002	0.009	0.013	0.013	0.017
28	0.127	0.045	0.159	0.075	0.030	0.021	0.008	0.003	0.009	0.016	0.013	0.020
29	0.104	0.000	0.171	0.071	0.030	0.019	0.008	0.003	0.009	0.016	0.012	0.024
30	0.103	0.000	0.227	0.066	0.030	0.017	0.008	0.002	0.008	0.016	0.011	0.016
31	0.103	0.000	0.261	0.000	0.029	0.000	0.005	0.002	0.000	0.015	0.000	0.015
TOTAL	0.207	0.066	0.085	0.149	0.041	0.023	0.010	0.003	0.006	0.012	0.014	0.017
YEARLY TOTAL-		0.053										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D=0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1969

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00047	0.00698	0.00299	0.01693	0.00415	0.00190	0.00103	0.00027	0.00012	0.00057	0.00102	0.00076
2	0.00074	0.00675	0.00264	0.01623	0.00413	0.00187	0.00086	0.00023	0.00012	0.00083	0.00102	0.00077
3	0.00068	0.00572	0.00262	0.01467	0.00381	0.00186	0.00090	0.00024	0.00015	0.00071	0.00102	0.00077
4	0.00068	0.00577	0.00264	0.01491	0.00342	0.00174	0.00095	0.00024	0.00027	0.00069	0.00098	0.00094
5	0.00068	0.00528	0.00265	0.01617	0.00318	0.00169	0.00094	0.00027	0.00029	0.00070	0.00098	0.00095
6	0.00068	0.00498	0.00251	0.01660	0.00336	0.00175	0.00095	0.00035	0.00023	0.00071	0.00118	0.00095
7	0.00068	0.00435	0.00251	0.01392	0.00334	0.00150	0.00088	0.00033	0.00021	0.00068	0.00111	0.00102
8	0.00068	0.00427	0.00253	0.01285	0.00321	0.00485	0.00079	0.00034	0.00021	0.00068	0.00107	0.00101
9	0.00061	0.00427	0.00253	0.01180	0.00303	0.00198	0.00072	0.00035	0.00030	0.00071	0.00106	0.00101
10	0.00054	0.00435	0.00237	0.01146	0.00293	0.00218	0.00068	0.00035	0.00038	0.00068	0.00105	0.00102
11	0.00063	0.00458	0.00222	0.01068	0.00286	0.00182	0.00068	0.00040	0.00036	0.00073	0.00104	0.00102
12	0.00126	0.00542	0.00224	0.01060	0.00327	0.00147	0.00068	0.00040	0.00036	0.00072	0.00104	0.00132
13	0.00353	0.00499	0.00225	0.01082	0.00294	0.00147	0.00074	0.00034	0.00038	0.00072	0.00104	0.00145
14	0.00283	0.00466	0.00233	0.01050	0.00401	0.00135	0.00074	0.00026	0.00040	0.00072	0.00104	0.00138
15	0.00187	0.00466	0.00311	0.00957	0.00278	0.00134	0.00069	0.00019	0.00040	0.00075	0.00107	0.00132
16	0.00152	0.00458	0.00485	0.00897	0.00244	0.00123	0.00064	0.00021	0.00040	0.00106	0.00109	0.00124
17	0.00111	0.00435	0.01965	0.00891	0.00236	0.00112	0.00062	0.00024	0.00036	0.00128	0.00094	0.00122
18	0.00113	0.00424	0.00756	0.00926	0.00258	0.00104	0.00058	0.00023	0.00036	0.00099	0.00095	0.00122
19	0.00864	0.00397	0.00633	0.00829	0.00289	0.00123	0.00056	0.00025	0.00041	0.00086	0.00091	0.00139
20	0.10829	0.00401	0.00561	0.00785	0.00260	0.00126	0.00053	0.00022	0.00048	0.00085	0.00085	0.00163
21	0.17470	0.00392	0.00542	0.00759	0.00233	0.00108	0.00049	0.00023	0.00055	0.00083	0.00087	0.00168
22	0.03002	0.00392	0.00625	0.00744	0.00215	0.00104	0.00042	0.00022	0.00055	0.00082	0.00086	0.00128
23	0.01610	0.00382	0.00587	0.00759	0.00215	0.00152	0.00045	0.00022	0.00055	0.00082	0.00085	0.00152
24	0.01454	0.00370	0.00494	0.00739	0.00204	0.00143	0.00054	0.00016	0.00055	0.00083	0.00094	0.00141
25	0.01313	0.00340	0.00504	0.00686	0.00203	0.00142	0.00073	0.00012	0.00055	0.00084	0.00094	0.00131
26	0.01076	0.00304	0.00591	0.00609	0.00211	0.00128	0.00060	0.00012	0.00055	0.00084	0.00090	0.00115
27	0.00933	0.00304	0.00887	0.00542	0.00200	0.00147	0.00058	0.00013	0.00055	0.00086	0.00082	0.00115
28	0.00860	0.00304	0.01080	0.00508	0.00203	0.00142	0.00053	0.00016	0.00056	0.00108	0.00088	0.00132
29	0.00703	0.00000	0.01161	0.00477	0.00200	0.00130	0.00051	0.00015	0.00056	0.00104	0.00078	0.00161
30	0.00698	0.00000	0.01544	0.00448	0.00200	0.00109	0.00055	0.00013	0.00054	0.00103	0.00074	0.00104
31	0.00698	0.00000	0.01774	0.00000	0.00195	0.00000	0.00034	0.00013	0.00000	0.00102	0.00000	0.00099
TOTAL	0.43587	0.12585	0.17989	0.30356	0.08591	0.04755	0.02074	0.00734	0.01156	0.02569	0.02884	0.03668
YEARLY TOTAL-	1.30908											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1969

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.151	1.013	0.516	2.608	1.956	0.782	0.263	0.128	0.145	0.095	0.175	0.205
2	0.153	0.992	0.516	2.665	1.973	0.769	0.238	0.123	0.147	0.099	0.175	0.191
3	0.132	0.981	0.516	2.702	2.030	0.737	0.241	0.118	0.151	0.104	0.175	0.188
4	0.114	0.981	0.516	2.776	1.868	0.713	0.240	0.114	0.155	0.104	0.133	2.130
5	0.142	0.947	0.516	2.870	1.760	0.702	0.235	0.114	0.171	0.102	0.151	0.094
6	0.130	0.902	0.516	3.184	1.667	0.689	0.244	0.114	0.182	0.104	0.159	0.094
7	0.132	0.895	0.516	3.201	1.632	0.674	0.229	0.134	0.181	0.109	0.168	0.094
8	0.147	0.887	0.516	3.145	1.636	0.804	0.219	0.134	0.170	0.119	0.167	0.094
9	0.167	0.876	0.516	3.060	1.646	0.698	0.211	0.143	0.155	0.126	0.163	0.094
10	0.187	0.876	0.516	2.938	1.630	0.699	0.208	0.161	0.141	0.153	0.163	0.094
11	0.202	0.876	0.516	2.841	1.651	0.686	0.202	0.190	0.128	0.147	0.163	0.094
12	0.246	0.865	0.516	2.818	1.751	0.590	0.194	0.152	0.116	0.147	0.163	0.099
13	0.353	0.778	0.516	2.822	1.706	0.562	0.199	0.139	0.112	0.151	0.163	0.104
14	0.289	0.691	0.513	2.865	1.848	0.537	0.197	0.147	0.111	0.153	0.163	0.104
15	0.247	0.681	0.521	2.822	1.761	0.522	0.192	0.158	0.111	0.151	0.165	0.104
16	0.256	0.678	0.559	2.716	1.696	0.513	0.190	0.163	0.109	0.157	0.168	0.107
17	0.267	0.661	0.700	2.631	1.638	0.492	0.185	0.162	0.107	0.173	0.168	0.111
18	0.272	0.635	0.669	2.644	1.614	0.463	0.178	0.183	0.107	0.179	0.165	0.111
19	0.528	0.615	0.663	2.577	1.551	0.437	0.171	0.221	0.111	0.175	0.161	0.117
20	2.875	0.609	0.691	2.509	1.437	0.426	0.154	0.197	0.111	0.175	0.159	0.133
21	7.222	0.609	0.691	2.473	1.317	0.409	0.150	0.238	0.107	0.165	0.159	0.150
22	2.699	0.609	0.747	2.460	1.237	0.392	0.147	0.264	0.105	0.163	0.159	0.153
23	2.279	0.596	0.732	2.492	1.194	0.382	0.169	0.267	0.107	0.167	0.157	0.157
24	2.060	0.571	0.714	2.504	1.148	0.358	0.163	0.235	0.111	0.168	0.155	0.159
25	2.025	0.559	0.728	2.470	1.076	0.337	0.181	0.162	0.107	0.166	0.155	0.154
26	2.025	0.549	0.807	2.357	1.026	0.324	0.178	0.166	0.104	0.166	0.155	0.141
27	1.772	0.528	1.035	2.274	0.997	0.309	0.165	0.169	0.104	0.177	0.157	0.149
28	1.541	0.516	1.298	2.189	0.949	0.296	0.158	0.178	0.104	0.185	0.227	0.163
29	1.178	0.000	1.617	2.132	0.887	0.284	0.158	0.151	0.100	0.179	0.256	0.191
30	1.043	0.000	2.002	2.046	0.847	0.272	0.169	0.147	0.097	0.175	0.250	0.199
31	1.023	0.000	2.373	0.000	0.824	0.000	0.158	0.147	0.000	0.175	0.000	0.188
TOTAL	1.027	0.749	0.766	2.659	1.482	0.523	0.193	0.165	0.125	0.148	0.170	0.134
YEARLY TOTAL-		0.676										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1969

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00152	0.01022	0.00520	0.02630	0.01972	0.00789	0.00265	0.00129	0.00146	0.00096	0.00176	0.00207
2	0.00154	0.01001	0.00520	0.02687	0.01990	0.00776	0.00240	0.00124	0.00148	0.00100	0.00176	0.00193
3	0.00133	0.00989	0.00520	0.02725	0.02047	0.00743	0.00243	0.00119	0.00152	0.00105	0.00176	0.00189
4	0.00115	0.00989	0.00520	0.02799	0.01883	0.00719	0.00242	0.00115	0.00156	0.00105	0.00164	0.00131
5	0.00143	0.00955	0.00520	0.02894	0.01775	0.00708	0.00237	0.00115	0.00173	0.00103	0.00152	0.00095
6	0.00131	0.00910	0.00520	0.03211	0.01681	0.00695	0.00246	0.00115	0.00183	0.00105	0.00160	0.00095
7	0.00133	0.00902	0.00520	0.03228	0.01645	0.00680	0.00231	0.00135	0.00183	0.00110	0.00170	0.00095
8	0.00148	0.00895	0.00520	0.03172	0.01650	0.00811	0.00221	0.00135	0.00172	0.00120	0.00168	0.00095
9	0.00168	0.00884	0.00520	0.03086	0.01660	0.00704	0.00213	0.00144	0.00156	0.00128	0.00164	0.00095
10	0.00189	0.00884	0.00520	0.02963	0.01643	0.00705	0.00210	0.00162	0.00142	0.00155	0.00164	0.00095
11	0.00203	0.00884	0.00520	0.02865	0.01665	0.00691	0.00204	0.00191	0.00130	0.00148	0.00164	0.00095
12	0.00248	0.00873	0.00520	0.02842	0.01766	0.00595	0.00195	0.00153	0.00117	0.00148	0.00164	0.00100
13	0.00356	0.00784	0.00520	0.02846	0.01721	0.00567	0.00201	0.00141	0.00113	0.00152	0.00164	0.00105
14	0.00291	0.00697	0.00517	0.02889	0.01864	0.00542	0.00198	0.00148	0.00111	0.00154	0.00164	0.00105
15	0.00249	0.00687	0.00526	0.02846	0.01776	0.00526	0.00194	0.00159	0.00111	0.00152	0.00166	0.00105
16	0.00258	0.00683	0.00564	0.02739	0.01711	0.00517	0.00192	0.00165	0.00110	0.00158	0.00170	0.00108
17	0.00270	0.00667	0.00706	0.02653	0.01652	0.00496	0.00186	0.00163	0.00108	0.00174	0.00170	0.00111
18	0.00274	0.00640	0.00675	0.02667	0.01627	0.00467	0.00179	0.00184	0.00108	0.00180	0.00166	0.00111
19	0.00533	0.00621	0.00669	0.02599	0.01565	0.00441	0.00172	0.00223	0.00112	0.00176	0.00162	0.00118
20	0.02899	0.00614	0.00697	0.02530	0.01449	0.00429	0.00155	0.00199	0.00112	0.00176	0.00160	0.00134
21	0.07283	0.00614	0.00697	0.02494	0.01328	0.00412	0.00151	0.00240	0.00108	0.00170	0.00160	0.00152
22	0.02722	0.00614	0.00753	0.02481	0.01248	0.00396	0.00148	0.00266	0.00106	0.00164	0.00160	0.00154
23	0.02298	0.00601	0.00739	0.02513	0.01204	0.00385	0.00170	0.00269	0.00108	0.00168	0.00158	0.00158
24	0.02077	0.00576	0.00720	0.02525	0.01157	0.00361	0.00165	0.00237	0.00111	0.00170	0.00156	0.00160
25	0.02042	0.00563	0.00734	0.02491	0.01085	0.00340	0.00183	0.00163	0.00108	0.00168	0.00156	0.00155
26	0.02042	0.00554	0.00814	0.02377	0.01035	0.00327	0.00179	0.00168	0.00105	0.00168	0.00157	0.00142
27	0.01787	0.00533	0.01043	0.02294	0.01006	0.00311	0.00167	0.00170	0.00105	0.00178	0.00158	0.00151
28	0.01554	0.00520	0.01309	0.02208	0.00957	0.00299	0.00159	0.00179	0.00105	0.00186	0.00229	0.00164
29	0.01188	0.00000	0.01631	0.02150	0.00894	0.00287	0.00159	0.00152	0.00101	0.00180	0.00258	0.00192
30	0.01051	0.00000	0.02019	0.02064	0.00854	0.00274	0.00171	0.00148	0.00098	0.00176	0.00252	0.00200
31	0.01032	0.00000	0.02393	0.00000	0.00831	0.00000	0.00159	0.00148	0.00000	0.00176	0.00000	0.00189
TOTAL	0.32110	0.21142	0.23953	0.80454	0.46326	0.15977	0.06020	0.05145	0.03783	0.04633	0.05148	0.04181
YEARLY TOTAL-	2.48841											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1970

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.015	0.034	0.023	0.027	0.044	0.021	0.013	0.001	0.000	0.001	0.009	0.014
2	0.015	0.029	0.023	0.027	0.043	0.019	0.012	0.001	0.000	0.001	0.009	0.013
3	0.016	0.031	0.023	0.027	0.045	0.018	0.010	0.001	0.000	0.001	0.009	0.014
4	0.016	0.026	0.022	0.027	0.045	0.017	0.010	0.001	0.000	0.001	0.009	0.017
5	0.016	0.025	0.023	0.027	0.044	0.016	0.012	0.001	0.000	0.001	0.011	0.017
6	0.016	0.025	0.023	0.026	0.047	0.015	0.012	0.000	0.000	0.001	0.011	0.017
7	0.017	0.025	0.030	0.026	0.042	0.019	0.009	0.000	0.000	0.001	0.011	0.017
8	0.017	0.024	0.032	0.026	0.044	0.018	0.008	0.000	0.000	0.002	0.010	0.018
9	0.017	0.023	0.026	0.026	0.047	0.018	0.008	0.000	0.000	0.002	0.011	0.017
10	0.017	0.023	0.025	0.030	0.047	0.021	0.008	0.000	0.000	0.003	0.010	0.013
11	0.017	0.022	0.023	0.028	0.040	0.018	0.007	0.000	0.000	0.002	0.014	0.012
12	0.020	0.025	0.025	0.026	0.038	0.018	0.006	0.000	0.000	0.002	0.012	0.012
13	0.024	0.025	0.024	0.025	0.040	0.021	0.005	0.000	0.000	0.002	0.009	0.009
14	0.026	0.023	0.025	0.034	0.036	0.020	0.004	0.000	0.000	0.002	0.009	0.011
15	0.022	0.022	0.024	0.043	0.034	0.019	0.004	0.000	0.000	0.002	0.010	0.013
16	0.029	0.023	0.024	0.044	0.034	0.019	0.004	0.000	0.000	0.002	0.010	0.013
17	0.032	0.033	0.026	0.046	0.034	0.020	0.003	0.000	0.000	0.003	0.010	0.013
18	0.027	0.023	0.029	0.047	0.034	0.018	0.002	0.000	0.000	0.003	0.010	0.013
19	0.026	0.021	0.032	0.070	0.033	0.015	0.002	0.000	0.000	0.003	0.010	0.030
20	0.023	0.021	0.034	0.061	0.036	0.014	0.002	0.000	0.000	0.004	0.009	0.033
21	0.035	0.021	0.034	0.054	0.033	0.013	0.003	0.000	0.000	0.004	0.009	0.025
22	0.045	0.021	0.032	0.049	0.032	0.012	0.002	0.000	0.000	0.004	0.009	0.013
23	0.027	0.020	0.032	0.051	0.048	0.012	0.002	0.000	0.000	0.006	0.013	0.012
24	0.034	0.020	0.031	0.052	0.032	0.011	0.002	0.000	0.000	0.007	0.017	0.012
25	0.027	0.021	0.029	0.049	0.028	0.010	0.002	0.000	0.000	0.007	0.016	0.012
26	0.052	0.021	0.032	0.060	0.027	0.010	0.002	0.000	0.000	0.008	0.013	0.012
27	0.282	0.022	0.030	0.054	0.028	0.015	0.003	0.000	0.001	0.007	0.013	0.012
28	0.079	0.023	0.029	0.049	0.027	0.020	0.002	0.000	0.001	0.010	0.012	0.012
29	0.054	0.000	0.030	0.046	0.024	0.019	0.002	0.000	0.001	0.012	0.016	0.012
30	0.041	0.000	0.029	0.044	0.023	0.015	0.001	0.000	0.001	0.013	0.016	0.012
31	0.036	0.000	0.028	0.000	0.022	0.000	0.001	0.000	0.000	0.010	0.000	0.012
TOTAL	0.036	0.024	0.027	0.040	0.036	0.016	0.005	0.000	0.000	0.004	0.011	0.014
YEARLY TOTAL-		0.018										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) BOISE, IDAHO
 DROP BOX V-NOTCH WEIR

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1970

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00100	0.00229	0.00155	0.00184	0.00295	0.00139	0.00084	0.00003	0.00000	0.00007	0.00060	0.00093
2	0.00101	0.00193	0.00153	0.00180	0.00288	0.00127	0.00077	0.00001	0.00000	0.00007	0.00058	0.00089
3	0.00103	0.00207	0.00151	0.00182	0.00301	0.00119	0.00066	0.00001	0.00000	0.00007	0.00056	0.00094
4	0.00104	0.00177	0.00148	0.00182	0.00303	0.00111	0.00062	0.00001	0.00000	0.00007	0.00056	0.00115
5	0.00106	0.00168	0.00151	0.00179	0.00298	0.00105	0.00082	0.00001	0.00000	0.00007	0.00073	0.00114
6	0.00109	0.00170	0.00151	0.00176	0.00319	0.00100	0.00082	0.00000	0.00000	0.00007	0.00074	0.00113
7	0.00110	0.00167	0.00202	0.00176	0.00284	0.00123	0.00060	0.00000	0.00000	0.00007	0.00069	0.00110
8	0.00110	0.00161	0.00217	0.00177	0.00297	0.00122	0.00053	0.00000	0.00000	0.00008	0.00065	0.00118
9	0.00110	0.00156	0.00175	0.00176	0.00317	0.00122	0.00048	0.00000	0.00000	0.00013	0.00074	0.00111
10	0.00111	0.00153	0.00165	0.00204	0.00320	0.00139	0.00049	0.00000	0.00000	0.00017	0.00068	0.00083
11	0.00114	0.00146	0.00157	0.00189	0.00268	0.00120	0.00044	0.00000	0.00000	0.00014	0.00091	0.00091
12	0.00132	0.00167	0.00170	0.00174	0.00252	0.00118	0.00039	0.00000	0.00000	0.00013	0.00076	0.00078
13	0.00158	0.00165	0.00164	0.00168	0.00270	0.00138	0.00031	0.00000	0.00000	0.00013	0.00058	0.00061
14	0.00173	0.00151	0.00170	0.00227	0.00241	0.00134	0.00028	0.00000	0.00000	0.00014	0.00057	0.00072
15	0.00147	0.00148	0.00161	0.00291	0.00231	0.00124	0.00026	0.00000	0.00000	0.00014	0.00065	0.00085
16	0.00194	0.00153	0.00164	0.00296	0.00227	0.00123	0.00024	0.00000	0.00000	0.00014	0.00067	0.00087
17	0.00212	0.00224	0.00174	0.00309	0.00226	0.00135	0.00017	0.00000	0.00000	0.00014	0.00066	0.00089
18	0.00182	0.00156	0.00195	0.00320	0.00229	0.00120	0.00013	0.00000	0.00000	0.00015	0.00066	0.00086
19	0.00172	0.00139	0.00215	0.00476	0.00222	0.00099	0.00013	0.00000	0.00000	0.00018	0.00066	0.00204
20	0.00156	0.00139	0.00231	0.00409	0.00244	0.00091	0.00014	0.00000	0.00000	0.00023	0.00060	0.00224
21	0.00234	0.00141	0.00230	0.00363	0.00224	0.00065	0.00016	0.00000	0.00000	0.00022	0.00056	0.00165
22	0.00304	0.00141	0.00218	0.00330	0.00214	0.00075	0.00013	0.00000	0.00000	0.00026	0.00059	0.00082
23	0.00179	0.00135	0.00218	0.00341	0.00326	0.00077	0.00013	0.00000	0.00000	0.00040	0.00085	0.00081
24	0.00231	0.00136	0.00205	0.00352	0.00215	0.00070	0.00010	0.00000	0.00000	0.00045	0.00114	0.00079
25	0.00179	0.00138	0.00192	0.00333	0.00189	0.00067	0.00008	0.00000	0.00000	0.00045	0.00109	0.00077
26	0.00352	0.00142	0.00217	0.00408	0.00181	0.00063	0.00009	0.00000	0.00000	0.00052	0.00088	0.00077
27	0.01912	0.00147	0.00204	0.00367	0.00186	0.00098	0.00014	0.00000	0.00006	0.00045	0.00085	0.00079
28	0.00536	0.00155	0.00194	0.00328	0.00179	0.00130	0.00014	0.00000	0.00007	0.00065	0.00080	0.00079
29	0.00362	0.00000	0.00198	0.00309	0.00163	0.00125	0.00010	0.00000	0.00007	0.00076	0.00107	0.00080
30	0.00275	0.00000	0.00195	0.00298	0.00151	0.00098	0.00007	0.00000	0.00007	0.00086	0.00109	0.00082
31	0.00244	0.00000	0.00189	0.00000	0.00146	0.00000	0.00004	0.00000	0.00000	0.00063	0.00000	0.00081
TOTAL	0.07495	0.04489	0.05710	0.08085	0.07591	0.03282	0.01014	0.00004	0.00024	0.00787	0.02203	0.03053
YEARLY TOTAL-	0.43734											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1970

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.173	0.541	0.329	0.329	0.434	0.381	0.214	0.174	0.120	0.121	0.159	0.162
2	0.194	0.498	0.326	0.324	0.426	0.364	0.207	0.180	0.111	0.121	0.159	0.163
3	0.204	0.483	0.333	0.319	0.417	0.360	0.191	0.185	0.111	0.121	0.159	0.200
4	0.193	0.460	0.332	0.314	0.420	0.347	0.185	0.185	0.173	0.121	0.159	0.191
5	0.171	0.431	0.324	0.306	0.434	0.333	0.193	0.188	0.151	0.121	0.174	0.186
6	0.167	0.406	0.314	0.301	0.454	0.311	0.212	0.185	0.151	0.121	0.175	0.189
7	0.163	0.384	0.377	0.301	0.463	0.316	0.198	0.177	0.143	0.125	0.175	0.199
8	0.161	0.363	0.481	0.299	0.474	0.310	0.198	0.188	0.137	0.132	0.175	0.228
9	0.153	0.352	0.423	0.299	0.503	0.303	0.196	0.189	0.139	0.137	0.177	0.215
10	0.141	0.347	0.413	0.319	0.519	0.322	0.196	0.170	0.127	0.143	0.191	0.345
11	0.132	0.342	0.432	0.309	0.504	0.306	0.198	0.142	0.114	0.141	0.193	0.187
12	0.125	0.354	0.429	0.309	0.501	0.301	0.194	0.133	0.114	0.136	0.196	0.375
13	0.118	0.347	0.401	0.306	0.498	0.314	0.203	0.133	0.114	0.139	0.185	0.553
14	0.125	0.329	0.424	0.301	0.480	0.288	0.217	0.144	0.114	0.143	0.175	0.534
15	0.125	0.319	0.424	0.337	0.471	0.259	0.200	0.139	0.116	0.145	0.168	0.163
16	0.147	0.319	0.412	0.383	0.463	0.260	0.179	0.139	0.118	0.147	0.171	0.163
17	0.205	0.373	0.406	0.411	0.466	0.251	0.176	0.139	0.118	0.147	0.171	0.153
18	0.210	0.326	0.390	0.428	0.477	0.260	0.176	0.137	0.118	0.147	0.151	0.156
19	0.195	0.329	0.376	0.475	0.487	0.249	0.169	0.134	0.131	0.147	0.130	0.303
20	0.195	0.328	0.360	0.457	0.503	0.219	0.172	0.132	0.133	0.153	0.130	0.660
21	0.252	0.336	0.343	0.463	0.478	0.213	0.166	0.130	0.128	0.159	0.150	0.460
22	0.373	0.332	0.345	0.474	0.465	0.208	0.159	0.125	0.125	0.166	0.145	0.139
23	0.315	0.332	0.345	0.474	0.545	0.198	0.153	0.126	0.123	0.185	0.150	0.160
24	0.423	0.338	0.350	0.474	0.514	0.191	0.144	0.120	0.125	0.183	0.155	0.163
25	0.382	0.326	0.347	0.474	0.498	0.183	0.155	0.119	0.125	0.171	0.170	0.191
26	0.491	0.326	0.364	0.483	0.491	0.185	0.151	0.123	0.126	0.173	0.169	0.460
27	1.013	0.321	0.348	0.463	0.495	0.221	0.170	0.114	0.129	0.179	0.153	0.435
28	0.611	0.324	0.339	0.461	0.475	0.260	0.179	0.118	0.123	0.167	0.149	0.143
29	0.592	0.000	0.345	0.460	0.453	0.252	0.183	0.115	0.119	0.157	0.171	0.125
30	0.552	0.000	0.336	0.442	0.428	0.232	0.181	0.126	0.121	0.157	0.171	0.125
31	0.549	0.000	0.326	0.000	0.405	0.000	0.175	0.128	0.000	0.157	0.000	0.125
TOTAL	0.285	0.366	0.370	0.382	0.472	0.273	0.183	0.146	0.126	0.147	0.165	0.253
YEARLY TOTAL-		0.263										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1970

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00174	0.00546	0.00332	0.00332	0.00438	0.00384	0.00216	0.00175	0.00121	0.00122	0.00160	0.00164
2	0.00196	0.00502	0.00329	0.00327	0.00429	0.00367	0.00209	0.00181	0.00111	0.00122	0.00160	0.00169
3	0.00206	0.00487	0.00335	0.00321	0.00421	0.00363	0.00193	0.00187	0.00111	0.00122	0.00160	0.00202
4	0.00194	0.00464	0.00334	0.00316	0.00424	0.00350	0.00186	0.00187	0.00174	0.00122	0.00160	0.00193
5	0.00172	0.00435	0.00327	0.00309	0.00438	0.00336	0.00195	0.00189	0.00152	0.00122	0.00175	0.00187
6	0.00168	0.00410	0.00316	0.00304	0.00458	0.00313	0.00213	0.00187	0.00152	0.00122	0.00176	0.00191
7	0.00164	0.00388	0.00381	0.00304	0.00467	0.00318	0.00200	0.00178	0.00144	0.00126	0.00176	0.00201
8	0.00162	0.00366	0.00485	0.00301	0.00478	0.00312	0.00200	0.00189	0.00139	0.00133	0.00176	0.00229
9	0.00154	0.00355	0.00427	0.00291	0.00507	0.00305	0.00198	0.00191	0.00141	0.00139	0.00179	0.00217
10	0.00142	0.00350	0.00417	0.00322	0.00523	0.00325	0.00198	0.00172	0.00128	0.00144	0.00193	0.00348
11	0.00133	0.00345	0.00456	0.00311	0.00508	0.00308	0.00199	0.00143	0.00115	0.00142	0.00195	0.00189
12	0.00126	0.00357	0.00433	0.00311	0.00505	0.00304	0.00196	0.00134	0.00115	0.00137	0.00198	0.00378
13	0.00119	0.00350	0.00404	0.00309	0.00502	0.00316	0.00205	0.00134	0.00115	0.00141	0.00186	0.00558
14	0.00126	0.00332	0.00428	0.00304	0.00484	0.00291	0.00219	0.00145	0.00115	0.00144	0.00176	0.00539
15	0.00126	0.00321	0.00428	0.00340	0.00475	0.00272	0.00201	0.00141	0.00117	0.00146	0.00170	0.00164
16	0.00148	0.00322	0.00415	0.00386	0.00467	0.00262	0.00181	0.00141	0.00119	0.00148	0.00172	0.00164
17	0.00207	0.00376	0.00410	0.00415	0.00470	0.00253	0.00177	0.00141	0.00119	0.00148	0.00172	0.00154
18	0.00212	0.00329	0.00393	0.00432	0.00481	0.00263	0.00177	0.00139	0.00119	0.00148	0.00153	0.00157
19	0.00197	0.00332	0.00379	0.00479	0.00491	0.00251	0.00171	0.00135	0.00132	0.00148	0.00131	0.00305
20	0.00197	0.00331	0.00363	0.00461	0.00507	0.00221	0.00173	0.00133	0.00134	0.00154	0.00131	0.00666
21	0.00255	0.00339	0.00346	0.00467	0.00482	0.00214	0.00167	0.00131	0.00129	0.00160	0.00152	0.00464
22	0.00376	0.00334	0.00348	0.00478	0.00469	0.00210	0.00160	0.00126	0.00126	0.00167	0.00146	0.00141
23	0.00318	0.00334	0.00347	0.00478	0.00550	0.00199	0.00155	0.00127	0.00124	0.00186	0.00152	0.00161
24	0.00426	0.00341	0.00353	0.00478	0.00518	0.00192	0.00145	0.00121	0.00126	0.00184	0.00157	0.00164
25	0.00385	0.00329	0.00350	0.00478	0.00502	0.00184	0.00156	0.00120	0.00126	0.00172	0.00171	0.00192
26	0.00496	0.00329	0.00367	0.00487	0.00495	0.00187	0.00153	0.00124	0.00128	0.00174	0.00170	0.00464
27	0.01022	0.00324	0.00351	0.00466	0.00499	0.00222	0.00172	0.00115	0.00129	0.00180	0.00154	0.00439
28	0.00616	0.00327	0.00342	0.00465	0.00479	0.00262	0.00181	0.00119	0.00124	0.00168	0.00150	0.00144
29	0.00597	0.00000	0.00348	0.00464	0.00457	0.00254	0.00184	0.00116	0.00120	0.00158	0.00173	0.00126
30	0.00557	0.00000	0.00339	0.00446	0.00432	0.00234	0.00183	0.00127	0.00122	0.00158	0.00172	0.00126
31	0.00554	0.00000	0.00329	0.00000	0.00408	0.00000	0.00177	0.00129	0.00000	0.00158	0.00000	0.00126
TOTAL	0.08909	0.10343	0.11576	0.11568	0.14747	0.08259	0.05724	0.04561	0.03811	0.04582	0.04981	0.07905
YEARLY TOTAL-	0.96964											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1971

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.012	0.035	0.021	0.174	0.062	0.036	0.019	0.005	0.002	0.025	0.018	0.017
2	0.027	0.031	0.021	0.165	0.039	0.059	0.019	0.005	0.002	0.014	0.016	0.017
3	0.032	0.024	0.022	0.155	0.063	0.039	0.018	0.004	0.003	0.013	0.015	0.016
4	0.031	0.028	0.022	0.148	0.067	0.036	0.018	0.004	0.003	0.012	0.016	0.016
5	0.039	0.027	0.022	0.140	0.058	0.031	0.018	0.004	0.003	0.010	0.016	0.024
6	0.152	0.033	0.022	0.137	0.079	0.028	0.018	0.005	0.005	0.009	0.015	0.032
7	0.181	0.030	0.023	0.150	0.064	0.027	0.017	0.004	0.006	0.008	0.016	0.019
8	0.074	0.023	0.023	0.140	0.058	0.027	0.016	0.003	0.005	0.009	0.016	0.019
9	0.023	0.024	0.022	0.125	0.051	0.027	0.015	0.001	0.004	0.010	0.016	0.019
10	0.019	0.046	0.024	0.137	0.048	0.029	0.015	0.001	0.004	0.010	0.016	0.020
11	0.014	0.033	0.027	0.125	0.047	0.026	0.015	0.001	0.004	0.010	0.016	0.020
12	0.013	0.031	0.131	0.107	0.050	0.023	0.015	0.001	0.004	0.011	0.019	0.020
13	0.013	0.032	0.102	0.098	0.048	0.022	0.014	0.001	0.004	0.011	0.017	0.020
14	0.013	0.032	0.049	0.090	0.043	0.022	0.013	0.001	0.004	0.013	0.016	0.021
15	0.014	0.034	0.046	0.087	0.043	0.022	0.013	0.001	0.004	0.013	0.015	0.021
16	0.035	0.029	0.037	0.086	0.046	0.022	0.013	0.001	0.004	0.014	0.014	0.020
17	0.213	0.033	0.059	0.085	0.044	0.022	0.012	0.001	0.005	0.021	0.014	0.020
18	0.459	0.033	0.056	0.083	0.039	0.023	0.013	0.001	0.005	0.018	0.015	0.021
19	0.172	0.038	0.066	0.073	0.040	0.021	0.015	0.001	0.006	0.020	0.016	0.021
20	0.129	0.030	0.066	0.079	0.040	0.019	0.015	0.001	0.006	0.019	0.017	0.021
21	0.077	0.028	0.117	0.076	0.037	0.018	0.014	0.001	0.006	0.018	0.017	0.022
22	0.059	0.029	0.543	0.060	0.032	0.016	0.015	0.001	0.005	0.017	0.016	0.047
23	0.051	0.029	0.654	0.085	0.031	0.015	0.014	0.001	0.005	0.017	0.016	0.053
24	0.040	0.036	0.404	0.077	0.031	0.016	0.012	0.001	0.005	0.016	0.017	0.044
25	0.039	0.026	0.279	0.086	0.031	0.017	0.010	0.001	0.005	0.016	0.017	0.045
26	0.039	0.030	0.373	0.082	0.031	0.041	0.010	0.001	0.006	0.016	0.025	0.038
27	0.036	0.021	0.283	0.075	0.029	0.030	0.010	0.001	0.007	0.016	0.026	0.037
28	0.031	0.021	0.235	0.068	0.029	0.033	0.009	0.001	0.007	0.015	0.022	0.036
29	0.029	0.000	0.222	0.066	0.031	0.023	0.008	0.001	0.011	0.015	0.022	0.035
30	0.030	0.000	0.219	0.065	0.031	0.021	0.008	0.001	0.018	0.016	0.021	0.030
31	0.035	0.000	0.191	0.000	0.033	0.000	0.007	0.001	0.000	0.016	0.000	0.029
TOTAL	0.068	0.030	0.141	0.104	0.044	0.026	0.013	0.001	0.005	0.014	0.017	0.026
YEARLY TOTAL-		0.041										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1971

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00080	0.00235	0.00142	0.01178	0.00417	0.00245	0.00129	0.00034	0.00010	0.00164	0.00116	0.00115
2	0.00177	0.00205	0.00142	0.01118	0.00395	0.00398	0.00129	0.00032	0.00013	0.00094	0.00104	0.00115
3	0.00213	0.00163	0.00146	0.01050	0.00427	0.00260	0.00122	0.00025	0.00019	0.00086	0.00100	0.00106
4	0.00211	0.00189	0.00145	0.01003	0.00450	0.00240	0.00120	0.00023	0.00019	0.00076	0.00106	0.00106
5	0.00259	0.00182	0.00146	0.00946	0.00392	0.00209	0.00120	0.00023	0.00018	0.00068	0.00103	0.00158
6	0.01031	0.00219	0.00148	0.00926	0.00532	0.00184	0.00119	0.00030	0.00034	0.00060	0.00101	0.00213
7	0.01227	0.00203	0.00153	0.01014	0.00434	0.00178	0.00113	0.00027	0.00035	0.00053	0.00104	0.00127
8	0.00502	0.00153	0.00155	0.00950	0.00392	0.00179	0.00105	0.00019	0.00029	0.00059	0.00108	0.00123
9	0.00153	0.00160	0.00146	0.00847	0.00347	0.00183	0.00097	0.00007	0.00027	0.00066	0.00108	0.00127
10	0.00125	0.00307	0.00159	0.00931	0.00320	0.00194	0.00102	0.00004	0.00025	0.00068	0.00108	0.00130
11	0.00090	0.00222	0.00178	0.00846	0.00318	0.00175	0.00105	0.00005	0.00024	0.00068	0.00109	0.00132
12	0.00087	0.00206	0.00887	0.00726	0.00336	0.00156	0.00102	0.00004	0.00027	0.00070	0.00124	0.00134
13	0.00082	0.00218	0.00688	0.00662	0.00321	0.00148	0.00091	0.00003	0.00026	0.00073	0.00116	0.00136
14	0.00083	0.00218	0.00733	0.00612	0.00288	0.00149	0.00085	0.00002	0.00022	0.00084	0.00104	0.00141
15	0.00093	0.00228	0.00310	0.00586	0.00292	0.00144	0.00086	0.00002	0.00025	0.00082	0.00099	0.00141
16	0.00238	0.0012	0.00248	0.00581	0.00312	0.00147	0.00086	0.00002	0.00026	0.00096	0.00095	0.00134
17	0.01443	0.00222	0.00395	0.00578	0.00298	0.00146	0.00080	0.00002	0.00031	0.00142	0.00094	0.00136
18	0.03122	0.00222	0.00380	0.00559	0.00262	0.00155	0.00087	0.00002	0.00033	0.00119	0.00100	0.00137
19	0.01164	0.00259	0.00446	0.00497	0.00268	0.00142	0.00096	0.00002	0.00035	0.00131	0.00105	0.00137
20	0.00874	0.00204	0.00448	0.00537	0.00266	0.00124	0.00101	0.00002	0.00039	0.00126	0.00111	0.00141
21	0.00520	0.00189	0.00795	0.00515	0.00250	0.00121	0.00092	0.00002	0.00039	0.00121	0.00110	0.00149
22	0.00401	0.00197	0.03693	0.00408	0.00218	0.00106	0.00098	0.00002	0.00033	0.00115	0.00108	0.00315
23	0.00342	0.00196	0.04448	0.00572	0.00205	0.00100	0.00089	0.00001	0.00029	0.00111	0.00105	0.00361
24	0.00271	0.00240	0.02741	0.00519	0.00208	0.00104	0.00080	0.00001	0.00028	0.00108	0.00111	0.00296
25	0.00263	0.00176	0.01892	0.00582	0.00207	0.00113	0.00068	0.00001	0.00030	0.00106	0.00114	0.00303
26	0.00260	0.00200	0.02535	0.00554	0.00210	0.00278	0.00065	0.00001	0.00039	0.00104	0.00169	0.00259
27	0.00239	0.00141	0.01922	0.00505	0.00192	0.00202	0.00064	0.00001	0.00043	0.00107	0.00171	0.00247
28	0.00206	0.00142	0.01598	0.00462	0.00192	0.00218	0.00056	0.00001	0.00045	0.00101	0.00148	0.00245
29	0.00197	0.00000	0.01505	0.00444	0.00206	0.00155	0.00052	0.00004	0.00073	0.00102	0.00149	0.00235
30	0.00205	0.00000	0.01486	0.00439	0.00207	0.00141	0.00051	0.00006	0.00122	0.00105	0.00139	0.00200
31	0.00233	0.00000	0.01293	0.00000	0.00221	0.00000	0.00045	0.00006	0.00000	0.00107	0.00000	0.00195
TOTAL	0.14377	0.05676	0.29689	0.21129	0.09365	0.05278	0.02820	0.00261	0.00980	0.02954	0.03422	0.05478
YEARLY TOTAL-	1.01424											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1971

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.128	0.510	0.522	2.614	1.473	0.812	0.443	0.244	0.068	0.312	0.316	0.327
2	0.240	0.492	0.485	2.480	1.495	0.855	0.434	0.242	0.061	0.269	0.301	0.366
3	0.507	0.453	0.332	2.327	1.577	0.876	0.423	0.235	0.082	0.268	0.307	0.300
4	0.807	0.458	0.342	2.248	1.581	0.847	0.409	0.230	0.118	0.274	0.311	0.314
5	0.749	0.442	0.388	2.116	1.638	0.819	0.401	0.226	0.123	0.277	0.298	0.378
6	0.642	0.429	0.352	2.028	1.815	0.780	0.398	0.224	0.145	0.232	0.307	0.432
7	0.446	0.457	0.316	2.053	1.841	0.722	0.390	0.224	0.171	0.187	0.287	0.304
8	0.303	0.431	0.314	2.000	1.817	0.664	0.371	0.221	0.156	0.198	0.277	0.329
9	0.172	0.423	0.329	1.939	1.773	0.638	0.350	0.217	0.147	0.215	0.277	0.342
10	0.151	0.417	0.321	2.005	1.746	0.635	0.342	0.210	0.138	0.237	0.277	0.337
11	0.143	0.403	0.345	1.939	1.741	0.625	0.342	0.181	0.127	0.265	0.277	0.329
12	0.127	0.390	0.723	1.886	1.718	0.607	0.339	0.155	0.121	0.277	0.304	0.326
13	0.144	0.379	0.687	1.847	1.686	0.569	0.326	0.151	0.111	0.282	0.299	0.321
14	0.170	0.373	0.533	1.814	1.585	0.534	0.311	0.145	0.097	0.282	0.299	0.321
15	0.141	0.375	0.480	1.759	1.536	0.519	0.284	0.145	0.084	0.279	0.294	0.316
16	0.189	0.370	0.448	1.746	1.527	0.498	0.225	0.147	0.068	0.317	0.299	0.299
17	0.625	0.376	0.480	1.710	1.482	0.486	0.230	0.145	0.070	0.361	0.298	0.309
18	0.643	0.379	0.456	1.723	1.378	0.486	0.243	0.132	0.137	0.340	0.287	0.324
19	0.505	0.363	0.432	1.620	1.280	0.480	0.244	0.116	0.155	0.356	0.287	0.338
20	0.598	0.419	0.432	1.666	1.234	0.460	0.242	0.120	0.155	0.365	0.287	0.306
21	0.671	0.380	0.455	1.631	1.190	0.440	0.240	0.128	0.147	0.360	0.287	0.304
22	0.707	0.382	1.412	1.522	1.121	0.434	0.385	0.132	0.143	0.345	0.287	0.376
23	0.729	0.371	3.038	1.635	1.058	0.423	0.345	0.116	0.151	0.337	0.289	0.367
24	0.694	0.376	2.346	1.602	1.004	0.403	0.301	0.095	0.163	0.334	0.301	0.339
25	0.668	0.348	2.167	1.717	0.969	0.387	0.291	0.084	0.169	0.332	0.299	0.356
26	0.632	0.409	3.669	1.672	0.939	0.415	0.291	0.072	0.181	0.336	0.403	0.333
27	0.590	0.446	3.024	1.611	0.906	0.451	0.287	0.068	0.196	0.335	0.409	0.284
28	0.562	0.591	2.912	1.530	0.880	0.466	0.274	0.062	0.204	0.289	0.390	0.292
29	0.540	0.000	2.869	1.491	0.851	0.469	0.265	0.062	0.245	0.282	0.379	0.309
30	0.519	0.000	2.889	1.485	0.822	0.451	0.253	0.071	0.318	0.289	0.362	0.316
31	0.510	0.000	2.766	0.000	0.812	0.000	0.244	0.074	0.000	0.294	0.000	0.321
TOTAL	0.459	0.415	1.169	1.847	1.370	0.575	0.319	0.150	0.141	0.294	0.309	0.329
YEARLY TOTAL-	0.615											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1971

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00129	0.00514	0.00527	0.02636	0.01486	0.00819	0.00446	0.00246	0.00068	0.00315	0.00319	0.00330
2	0.00242	0.00496	0.00489	0.02501	0.01507	0.00862	0.00438	0.00244	0.00061	0.00272	0.00303	0.00369
3	0.00512	0.00457	0.00335	0.02347	0.01591	0.00684	0.00426	0.00237	0.00082	0.00270	0.00310	0.00302
4	0.00814	0.00462	0.00345	0.02267	0.01594	0.00855	0.00412	0.00232	0.00119	0.00277	0.00314	0.00316
5	0.00755	0.00446	0.00391	0.02134	0.01652	0.00826	0.00404	0.00228	0.00124	0.00279	0.00300	0.00381
6	0.00647	0.00432	0.00355	0.02045	0.01830	0.00787	0.00401	0.00225	0.00147	0.00234	0.00310	0.00436
7	0.00450	0.00461	0.00319	0.02071	0.01856	0.00728	0.00393	0.00225	0.00173	0.00189	0.00289	0.00307
8	0.00305	0.00435	0.00316	0.02017	0.01832	0.00670	0.00374	0.00223	0.00157	0.00199	0.00279	0.00332
9	0.00174	0.00426	0.00331	0.01956	0.01788	0.00644	0.00353	0.00219	0.00148	0.00217	0.00279	0.00345
10	0.00152	0.00421	0.00324	0.02022	0.01761	0.00640	0.00345	0.00212	0.00139	0.00239	0.00279	0.00340
11	0.00144	0.00407	0.00348	0.01955	0.01756	0.00630	0.00345	0.00183	0.00128	0.00267	0.00279	0.00332
12	0.00128	0.00393	0.00729	0.01902	0.01733	0.00612	0.00342	0.00156	0.00122	0.00279	0.00307	0.00329
13	0.00145	0.00362	0.00693	0.01863	0.01701	0.00574	0.00329	0.00152	0.00112	0.00284	0.00301	0.00324
14	0.00171	0.00377	0.00537	0.01829	0.01599	0.00539	0.00314	0.00146	0.00098	0.00284	0.00301	0.00324
15	0.00142	0.00378	0.00484	0.01774	0.01549	0.00523	0.00266	0.00146	0.00085	0.00282	0.00296	0.00319
16	0.00191	0.00373	0.00452	0.01761	0.01540	0.00502	0.00227	0.00148	0.00069	0.00320	0.00302	0.00301
17	0.00631	0.00379	0.00484	0.01724	0.01495	0.00490	0.00232	0.00146	0.00071	0.00364	0.00301	0.00312
18	0.00649	0.00382	0.00460	0.01738	0.01390	0.00490	0.00245	0.00133	0.00138	0.00343	0.00289	0.00327
19	0.00510	0.00366	0.00436	0.01634	0.01291	0.00484	0.00246	0.00117	0.00156	0.00359	0.00289	0.00341
20	0.00603	0.00422	0.00436	0.01680	0.01245	0.00464	0.00244	0.00121	0.00156	0.00368	0.00289	0.00309
21	0.00677	0.00383	0.00459	0.01645	0.01200	0.00444	0.00242	0.00129	0.00148	0.00363	0.00289	0.00306
22	0.00713	0.00385	0.01424	0.01535	0.01131	0.00438	0.00388	0.00133	0.00144	0.00348	0.00289	0.00379
23	0.00735	0.00374	0.03064	0.01649	0.01067	0.00426	0.00348	0.00117	0.00152	0.00340	0.00291	0.00370
24	0.00700	0.00379	0.02366	0.01615	0.01012	0.00407	0.00304	0.00096	0.00164	0.00337	0.00304	0.00342
25	0.00673	0.00351	0.02185	0.01732	0.00978	0.00390	0.00294	0.00085	0.00171	0.00334	0.00301	0.00359
26	0.00637	0.00412	0.03700	0.01686	0.00947	0.00419	0.00294	0.00073	0.00182	0.00339	0.00406	0.00336
27	0.00595	0.00450	0.03050	0.01624	0.00913	0.00455	0.00289	0.00068	0.00197	0.00338	0.00412	0.00287
28	0.00567	0.00596	0.02937	0.01543	0.00883	0.00470	0.00277	0.00063	0.00206	0.00291	0.00393	0.00294
29	0.00545	0.00800	0.02894	0.01503	0.00858	0.00473	0.00267	0.00063	0.00247	0.00284	0.00382	0.00311
30	0.00523	0.00000	0.02914	0.01498	0.00829	0.00455	0.00255	0.00071	0.00321	0.00291	0.00365	0.00319
31	0.00514	0.00000	0.02789	0.00000	0.00819	0.00000	0.00246	0.00074	0.00000	0.00296	0.00000	0.00324
TOTAL	0.14359	0.11728	0.36559	0.55871	0.42820	0.17383	0.09971	0.04698	0.04270	0.09185	0.09354	0.10286
YEARLY TOTAL-	2.26462											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1972

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.030	0.111	0.344	0.135	0.081	0.038	0.016	0.009	0.004	0.011	0.017	0.014
2	0.028	0.110	0.410	0.128	0.081	0.037	0.016	0.009	0.004	0.011	0.016	0.014
3	0.026	0.112	0.499	0.123	0.082	0.037	0.016	0.010	0.004	0.010	0.015	0.014
4	0.026	0.117	0.443	0.120	0.080	0.034	0.015	0.010	0.004	0.012	0.018	0.014
5	0.026	0.112	0.405	0.120	0.080	0.033	0.015	0.009	0.005	0.012	0.016	0.014
6	0.025	0.096	0.389	0.117	0.076	0.040	0.013	0.008	0.006	0.011	0.015	0.014
7	0.025	0.085	0.372	0.112	0.076	0.051	0.013	0.006	0.006	0.011	0.015	0.014
8	0.024	0.075	0.352	0.111	0.075	0.048	0.012	0.006	0.006	0.011	0.016	0.014
9	0.023	0.070	0.329	0.108	0.074	0.047	0.013	0.007	0.006	0.015	0.016	0.014
10	0.023	0.064	0.304	0.107	0.075	0.058	0.013	0.007	0.007	0.014	0.016	0.014
11	0.026	0.061	0.285	0.111	0.069	0.042	0.012	0.006	0.011	0.014	0.016	0.015
12	0.027	0.061	0.270	0.118	0.069	0.037	0.012	0.006	0.010	0.012	0.016	0.015
13	0.024	0.084	0.262	0.108	0.066	0.036	0.010	0.008	0.010	0.012	0.016	0.016
14	0.023	0.066	0.260	0.102	0.066	0.036	0.010	0.009	0.010	0.013	0.016	0.016
15	0.022	0.093	0.245	0.102	0.061	0.037	0.010	0.011	0.010	0.015	0.016	0.016
16	0.022	0.204	0.234	0.106	0.059	0.035	0.010	0.009	0.009	0.014	0.015	0.016
17	0.030	0.255	0.231	0.101	0.058	0.033	0.010	0.009	0.008	0.013	0.014	0.017
18	0.475	0.145	0.242	0.099	0.059	0.031	0.009	0.009	0.008	0.013	0.014	0.017
19	0.230	0.130	0.221	0.109	0.060	0.031	0.010	0.009	0.009	0.026	0.018	0.018
20	0.191	0.131	0.205	0.096	0.056	0.031	0.011	0.010	0.009	0.018	0.014	0.018
21	0.255	0.137	0.193	0.110	0.065	0.030	0.012	0.009	0.009	0.014	0.015	0.018
22	1.044	0.130	0.187	0.092	0.057	0.029	0.012	0.009	0.008	0.013	0.021	0.018
23	0.361	0.121	0.178	0.085	0.053	0.031	0.011	0.009	0.008	0.013	0.021	0.017
24	0.247	0.106	0.170	0.086	0.051	0.030	0.010	0.009	0.010	0.013	0.021	0.016
25	0.175	0.105	0.173	0.086	0.051	0.031	0.010	0.006	0.010	0.013	0.022	0.016
26	0.154	0.143	0.157	0.084	0.049	0.029	0.009	0.005	0.014	0.014	0.020	0.014
27	0.136	0.251	0.216	0.080	0.045	0.026	0.010	0.004	0.018	0.014	0.015	0.014
28	0.114	0.369	0.149	0.078	0.044	0.024	0.009	0.004	0.012	0.014	0.014	0.014
29	0.109	0.444	0.145	0.081	0.041	0.020	0.009	0.005	0.011	0.015	0.014	0.011
30	0.108	0.000	0.138	0.082	0.040	0.017	0.010	0.004	0.011	0.015	0.014	0.012
31	0.110	0.000	0.135	0.000	0.037	0.000	0.010	0.004	0.000	0.014	0.000	0.014
TOTAL	0.133	0.137	0.262	0.103	0.062	0.034	0.011	0.007	0.008	0.013	0.016	0.015
YEARLY TOTAL-		0.067										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D=0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1972

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00199	0.00749	0.02335	0.00914	0.00545	0.00258	0.00109	0.00058	0.00026	0.00072	0.00110	0.00094
2	0.00187	0.00744	0.02783	0.00868	0.00548	0.00250	0.00107	0.00057	0.00025	0.00069	0.00103	0.00094
3	0.00174	0.00759	0.03388	0.00833	0.00551	0.00246	0.00105	0.00063	0.00024	0.00068	0.00100	0.00094
4	0.00171	0.00791	0.03010	0.00813	0.00541	0.00227	0.00099	0.00063	0.00023	0.00077	0.00119	0.00094
5	0.00171	0.00759	0.02753	0.00812	0.00540	0.00220	0.00098	0.00058	0.00039	0.00082	0.00105	0.00094
6	0.00169	0.00650	0.02644	0.00791	0.00513	0.00272	0.00089	0.00048	0.00037	0.00074	0.00100	0.00094
7	0.00165	0.00575	0.02527	0.00759	0.00516	0.00347	0.00083	0.00041	0.00039	0.00075	0.00100	0.00094
8	0.00159	0.00510	0.02390	0.00752	0.00505	0.00324	0.00078	0.00038	0.00036	0.00074	0.00108	0.00095
9	0.00156	0.00474	0.02238	0.00733	0.00498	0.00317	0.00084	0.00042	0.00040	0.00097	0.00104	0.00095
10	0.00156	0.00435	0.02061	0.00723	0.00506	0.00395	0.00087	0.00046	0.00044	0.00091	0.00104	0.00095
11	0.00174	0.00413	0.01937	0.00752	0.00468	0.00282	0.00082	0.00039	0.00072	0.00090	0.00105	0.00095
12	0.00178	0.00413	0.01837	0.00801	0.00468	0.00251	0.00080	0.00040	0.00066	0.00080	0.00107	0.00100
13	0.00158	0.00569	0.01780	0.00731	0.00445	0.00243	0.00068	0.00050	0.00066	0.00078	0.00109	0.00103
14	0.00153	0.00446	0.01762	0.00694	0.00445	0.00244	0.00068	0.00056	0.00067	0.00086	0.00108	0.00104
15	0.00148	0.00627	0.01665	0.00693	0.00409	0.00245	0.00067	0.00072	0.00066	0.00096	0.00105	0.00106
16	0.00148	0.01383	0.01586	0.00721	0.00401	0.00234	0.00066	0.00058	0.00060	0.00093	0.00100	0.00109
17	0.00204	0.01731	0.01570	0.00687	0.00393	0.00221	0.00065	0.00056	0.00053	0.00087	0.00095	0.00111
18	0.03228	0.00984	0.01641	0.00671	0.00397	0.00210	0.00060	0.00055	0.00050	0.00087	0.00095	0.00115
19	0.01564	0.00882	0.01503	0.00730	0.00407	0.00206	0.00064	0.00062	0.00056	0.00173	0.00123	0.00117
20	0.01294	0.00888	0.01389	0.00647	0.00377	0.00207	0.00071	0.00068	0.00058	0.00121	0.00096	0.00119
21	0.01731	0.00926	0.01311	0.00743	0.00437	0.00202	0.00079	0.00061	0.00057	0.00094	0.00101	0.00122
22	0.07099	0.00879	0.01269	0.00620	0.00387	0.00197	0.00080	0.00056	0.00051	0.00086	0.00138	0.00122
23	0.02453	0.00820	0.01206	0.00573	0.00361	0.00205	0.00074	0.00056	0.00052	0.00085	0.00140	0.00116
24	0.01679	0.00715	0.01156	0.00579	0.00341	0.00203	0.00066	0.00057	0.00064	0.00083	0.00141	0.00109
25	0.01187	0.00708	0.01173	0.00579	0.00342	0.00208	0.00065	0.00036	0.00066	0.00084	0.00147	0.00103
26	0.01044	0.00971	0.01063	0.00571	0.00329	0.00193	0.00062	0.00029	0.00096	0.00092	0.00135	0.00092
27	0.00921	0.01701	0.01466	0.00543	0.00300	0.00172	0.00066	0.00027	0.00119	0.00094	0.00096	0.00095
28	0.00770	0.02504	0.01012	0.00530	0.00295	0.00163	0.00060	0.00025	0.00079	0.00095	0.00093	0.00091
29	0.00739	0.03020	0.00980	0.00548	0.00279	0.00133	0.00059	0.00029	0.00073	0.00102	0.00094	0.00071
30	0.00728	0.00000	0.00938	0.00557	0.00269	0.00109	0.00066	0.00026	0.00072	0.00102	0.00094	0.00082
31	0.00744	0.00000	0.00914	0.00000	0.00251	0.00000	0.00062	0.00027	0.00000	0.00094	0.00000	0.00094
TOTAL	0.28035	0.27011	0.55270	0.20956	0.13049	0.06968	0.02353	0.01484	0.01662	0.02766	0.07254	0.03101
YEARLY TOTAL-	1.65853											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION
BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1972

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.324	1.177	3.449	2.146	1.401	0.845	0.399	0.251	0.246	0.279	0.290	0.292
2	0.315	1.131	5.266	2.067	1.395	0.790	0.401	0.244	0.241	0.291	0.290	0.290
3	0.296	1.078	5.127	2.010	1.392	0.811	0.389	0.242	0.237	0.301	0.286	0.290
4	0.306	0.992	4.573	2.004	1.388	0.794	0.391	0.229	0.234	0.309	0.309	0.290
5	0.311	0.966	4.458	1.995	1.401	0.768	0.384	0.231	0.252	0.311	0.292	0.288
6	0.314	0.947	4.458	2.000	1.435	0.800	0.368	0.219	0.260	0.301	0.292	0.286
7	0.296	0.935	4.379	1.934	1.427	0.845	0.367	0.207	0.260	0.279	0.292	0.279
8	0.289	0.917	4.792	1.861	1.443	0.824	0.358	0.207	0.240	0.256	0.292	0.269
9	0.289	0.877	4.629	1.898	1.482	0.804	0.364	0.206	0.224	0.324	0.292	0.262
10	0.287	0.804	4.672	1.913	1.484	0.878	0.352	0.212	0.230	0.262	0.292	0.258
11	0.309	0.750	4.779	1.909	1.457	0.759	0.355	0.213	0.267	0.275	0.296	0.257
12	0.299	0.704	4.745	1.929	1.440	0.708	0.346	0.211	0.263	0.256	0.298	0.251
13	0.283	0.756	4.637	1.922	1.429	0.675	0.320	0.217	0.263	0.257	0.294	0.246
14	0.280	0.701	4.380	1.900	1.419	0.651	0.297	0.230	0.265	0.265	0.296	0.242
15	0.296	0.728	4.363	1.811	1.443	0.651	0.300	0.241	0.249	0.271	0.298	0.238
16	0.314	0.819	4.167	1.780	1.424	0.635	0.295	0.232	0.235	0.268	0.298	0.237
17	0.347	1.155	4.066	1.717	1.425	0.589	0.291	0.233	0.236	0.262	0.300	0.312
18	0.979	1.103	4.312	1.698	1.428	0.570	0.277	0.227	0.233	0.264	0.304	0.386
19	0.721	1.186	4.087	1.606	1.450	0.561	0.300	0.228	0.238	0.370	0.332	0.434
20	0.822	1.315	3.803	1.561	1.437	0.530	0.313	0.230	0.239	0.313	0.327	0.361
21	1.187	1.445	3.565	1.623	1.464	0.509	0.323	0.234	0.234	0.290	0.304	0.352
22	4.398	1.470	3.399	1.495	1.374	0.504	0.313	0.229	0.228	0.292	0.304	0.392
23	3.186	1.450	3.416	1.457	1.301	0.503	0.296	0.234	0.228	0.288	0.302	0.368
24	2.513	1.375	3.394	1.456	1.244	0.512	0.290	0.230	0.233	0.289	0.298	0.362
25	2.181	1.367	3.280	1.441	1.178	0.511	0.283	0.230	0.237	0.283	0.319	0.343
26	1.929	1.443	3.036	1.432	1.112	0.493	0.275	0.218	0.279	0.280	0.324	0.339
27	1.745	2.072	2.822	1.404	1.036	0.474	0.266	0.222	0.309	0.290	0.333	0.341
28	1.641	3.419	2.725	1.390	0.966	0.448	0.255	0.233	0.264	0.292	0.319	0.341
29	1.487	3.997	2.548	1.416	0.937	0.420	0.254	0.244	0.265	0.290	0.304	0.335
30	1.335	0.000	2.431	1.406	0.915	0.406	0.265	0.240	0.270	0.308	0.296	0.331
31	1.252	0.000	2.277	0.000	0.890	0.000	0.257	0.242	0.000	0.307	0.000	0.331
TOTAL	0.984	1.278	3.936	1.739	1.323	0.642	0.321	0.227	0.248	0.287	0.302	0.309
YEARLY TOTAL-		0.899										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 3 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1972

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00327	0.01187	0.03479	0.02164	0.01413	0.00853	0.00402	0.00253	0.00248	0.00282	0.00293	0.00295
2	0.00318	0.01140	0.05311	0.02085	0.01407	0.00797	0.00404	0.00246	0.00243	0.00294	0.00293	0.00293
3	0.00299	0.01087	0.05171	0.02027	0.01404	0.00818	0.00392	0.00244	0.00239	0.00304	0.00289	0.00293
4	0.00309	0.01001	0.04612	0.02021	0.01400	0.00801	0.00394	0.00231	0.00236	0.00311	0.00311	0.00293
5	0.00314	0.00974	0.04496	0.02012	0.01413	0.00775	0.00387	0.00233	0.00254	0.00314	0.00295	0.00291
6	0.00316	0.00955	0.04496	0.02017	0.01447	0.00807	0.00371	0.00221	0.00263	0.00304	0.00295	0.00289
7	0.00299	0.00943	0.04416	0.01950	0.01439	0.00852	0.00370	0.00209	0.00262	0.00282	0.00295	0.00281
8	0.00291	0.00925	0.04833	0.01876	0.01455	0.00831	0.00361	0.00209	0.00242	0.00258	0.00295	0.00272
9	0.00291	0.00884	0.04668	0.01814	0.01495	0.00811	0.00367	0.00208	0.00226	0.00327	0.00295	0.00264
10	0.00289	0.00811	0.04712	0.01929	0.01497	0.00885	0.00365	0.00214	0.00232	0.00264	0.00295	0.00261
11	0.00312	0.00757	0.04820	0.01926	0.01469	0.00766	0.00358	0.00215	0.00270	0.00277	0.00298	0.00259
12	0.00301	0.00710	0.04785	0.01946	0.01452	0.00714	0.00349	0.00213	0.00265	0.00259	0.00300	0.00253
13	0.00286	0.00763	0.04677	0.01939	0.01441	0.00681	0.00323	0.00219	0.00266	0.00259	0.00297	0.00248
14	0.00282	0.00707	0.04417	0.01916	0.01431	0.00656	0.00299	0.00232	0.00267	0.00267	0.00298	0.00244
15	0.00299	0.00734	0.04400	0.01866	0.01455	0.00656	0.00302	0.00243	0.00251	0.00273	0.00300	0.00241
16	0.00316	0.00826	0.04203	0.01796	0.01436	0.00640	0.00298	0.00234	0.00237	0.00270	0.00300	0.00239
17	0.00350	0.01165	0.04101	0.01732	0.01437	0.00594	0.00293	0.00235	0.00238	0.00264	0.00302	0.00314
18	0.00988	0.01112	0.04349	0.01713	0.01440	0.00575	0.00280	0.00229	0.00235	0.00266	0.00306	0.00389
19	0.00727	0.01196	0.04122	0.01620	0.01462	0.00566	0.00302	0.00230	0.00241	0.00374	0.00334	0.00438
20	0.00829	0.01326	0.03836	0.01574	0.01450	0.00534	0.00315	0.00232	0.00241	0.00315	0.00329	0.00364
21	0.01198	0.01457	0.03596	0.01637	0.01477	0.00514	0.00326	0.00236	0.00236	0.00293	0.00306	0.00355
22	0.04436	0.01482	0.03428	0.01508	0.01366	0.00509	0.00315	0.00231	0.00230	0.00295	0.00306	0.00395
23	0.03213	0.01462	0.03445	0.01469	0.01312	0.00507	0.00299	0.00236	0.00230	0.00291	0.00304	0.00371
24	0.02535	0.01387	0.03423	0.01469	0.01254	0.00517	0.00292	0.00232	0.00235	0.00291	0.00300	0.00365
25	0.02200	0.01379	0.03308	0.01454	0.01188	0.00516	0.00286	0.00232	0.00239	0.00285	0.00322	0.00346
26	0.01946	0.01455	0.03062	0.01444	0.01122	0.00497	0.00278	0.00220	0.00281	0.00283	0.00327	0.00342
27	0.01760	0.02089	0.02846	0.01416	0.01045	0.00478	0.00268	0.00224	0.00311	0.00292	0.00336	0.00344
28	0.01655	0.03448	0.02748	0.01402	0.00974	0.00451	0.00257	0.00235	0.00266	0.00295	0.00322	0.00344
29	0.01500	0.04031	0.02570	0.01428	0.00945	0.00424	0.00256	0.00246	0.00267	0.00293	0.00308	0.00338
30	0.01347	0.00000	0.02451	0.01418	0.00923	0.00409	0.00267	0.00242	0.00272	0.00311	0.00298	0.00334
31	0.01263	0.00000	0.02296	0.00000	0.00897	0.00000	0.00259	0.00244	0.00000	0.00309	0.00000	0.00334
TOTAL	0.30778	0.37377	1.23057	0.52612	0.41351	0.19419	0.10022	0.07110	0.07506	0.08964	0.09134	0.09672
YEARLY TOTAL-	3.31866											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) BOISE, IDAHO
 DROP BOX V-NOTCH WEIR

D=0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1973

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.014	0.020	0.022	0.021	0.032	0.011	0.001	0.000	0.000	0.000	0.000	0.000
2	0.014	0.020	0.021	0.021	0.034	0.011	0.001	0.000	0.000	0.000	0.000	0.000
3	0.014	0.020	0.021	0.020	0.035	0.011	0.000	0.000	0.000	0.000	0.000	0.000
4	0.014	0.022	0.021	0.019	0.035	0.011	0.000	0.000	0.000	0.000	0.000	0.000
5	0.015	0.026	0.020	0.019	0.033	0.009	0.000	0.000	0.000	0.000	0.000	0.000
6	0.017	0.024	0.020	0.020	0.031	0.009	0.000	0.000	0.000	0.000	0.000	0.000
7	0.017	0.023	0.020	0.021	0.032	0.008	0.000	0.000	0.000	0.000	0.000	0.000
8	0.018	0.020	0.020	0.021	0.032	0.007	0.000	0.000	0.000	0.000	0.000	0.000
9	0.019	0.021	0.019	0.018	0.028	0.007	0.000	0.000	0.000	0.000	0.000	0.000
10	0.019	0.022	0.024	0.020	0.027	0.007	0.000	0.000	0.000	0.000	0.000	0.000
11	0.018	0.023	0.023	0.019	0.027	0.007	0.000	0.000	0.000	0.000	0.000	0.000
12	0.033	0.023	0.021	0.018	0.024	0.007	0.000	0.000	0.000	0.000	0.000	0.000
13	0.025	0.023	0.021	0.098	0.023	0.007	0.000	0.000	0.000	0.000	0.000	0.000
14	0.021	0.021	0.020	0.227	0.021	0.015	0.000	0.000	0.000	0.000	0.000	0.000
15	0.020	0.022	0.021	0.172	0.020	0.012	0.000	0.000	0.000	0.000	0.000	0.000
16	0.022	0.021	0.022	0.142	0.019	0.011	0.000	0.000	0.000	0.000	0.000	0.000
17	0.020	0.021	0.023	0.132	0.017	0.014	0.000	0.000	0.000	0.000	0.000	0.000
18	0.022	0.021	0.020	0.083	0.017	0.010	0.000	0.000	0.000	0.000	0.000	0.000
19	0.019	0.021	0.021	0.097	0.019	0.009	0.000	0.000	0.000	0.000	0.000	0.000
20	0.025	0.021	0.027	0.078	0.017	0.007	0.000	0.000	0.000	0.000	0.000	0.000
21	0.022	0.019	0.029	0.070	0.016	0.005	0.000	0.000	0.000	0.000	0.000	0.000
22	0.017	0.020	0.025	0.063	0.015	0.003	0.000	0.000	0.000	0.000	0.000	0.000
23	0.017	0.021	0.022	0.059	0.015	0.003	0.000	0.000	0.000	0.000	0.000	0.000
24	0.020	0.021	0.022	0.050	0.018	0.002	0.000	0.000	0.000	0.000	0.000	0.000
25	0.023	0.022	0.021	0.047	0.019	0.002	0.000	0.000	0.000	0.000	0.000	0.000
26	0.022	0.022	0.022	0.043	0.016	0.001	0.000	0.000	0.000	0.000	0.000	0.000
27	0.020	0.023	0.022	0.042	0.015	0.001	0.000	0.000	0.000	0.000	0.000	0.000
28	0.021	0.023	0.021	0.041	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.000
29	0.021	0.000	0.021	0.039	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.000
30	0.022	0.000	0.022	0.036	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000
31	0.020	0.000	0.021	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.019	0.021	0.021	0.059	0.022	0.006	0.000	0.0	0.0	0.0	0.0	0.0
YEARLY TOTAL-	0.012											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
 STATION 33015096 LITTLE RABBIT CREEK BASIN (350 ACRES) DROP BOX V-NOTCH WEIR

BOISE, IDAHO

D-0.8

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1973

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00094	0.00130	0.00148	0.00139	0.00211	0.00073	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
2	0.00094	0.00132	0.00140	0.00139	0.00229	0.00072	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3	0.00094	0.00131	0.00138	0.00134	0.00233	0.00073	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4	0.00094	0.00144	0.00140	0.00128	0.00235	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5	0.00101	0.00173	0.00134	0.00125	0.00222	0.00058	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00110	0.00161	0.00134	0.00131	0.00209	0.00050	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00114	0.00156	0.00136	0.00140	0.00218	0.00048	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	0.00117	0.00136	0.00131	0.00141	0.00218	0.00046	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9	0.00126	0.00140	0.00130	0.00123	0.00189	0.00045	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
10	0.00128	0.00149	0.00140	0.00130	0.00184	0.00046	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
11	0.00121	0.00152	0.00143	0.00125	0.00182	0.00043	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
12	0.00223	0.00151	0.00139	0.00121	0.00163	0.00043	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
13	0.00170	0.00150	0.00142	0.00662	0.00157	0.00046	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
14	0.00141	0.00141	0.00134	0.01544	0.00142	0.00099	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
15	0.00133	0.00144	0.00137	0.01168	0.00133	0.00077	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
16	0.00150	0.00139	0.00145	0.00964	0.00128	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
17	0.00133	0.00138	0.00151	0.00895	0.00110	0.00091	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
18	0.00145	0.00139	0.00135	0.00562	0.00113	0.00065	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
19	0.00129	0.00142	0.00141	0.00659	0.00123	0.00056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
20	0.00170	0.00139	0.00178	0.00529	0.00115	0.00043	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
21	0.00146	0.00126	0.00197	0.00471	0.00106	0.00031	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
22	0.00114	0.00132	0.00166	0.00428	0.00099	0.00017	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
23	0.00114	0.00137	0.00149	0.00401	0.00098	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24	0.00134	0.00140	0.00149	0.00338	0.00120	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
25	0.00156	0.00147	0.00143	0.00318	0.00127	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
26	0.00143	0.00146	0.00145	0.00289	0.00107	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
27	0.00130	0.00156	0.00148	0.00281	0.00100	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
28	0.00142	0.00154	0.00141	0.00278	0.00089	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
29	0.00133	0.00000	0.00143	0.00261	0.00084	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
30	0.00144	0.00000	0.00147	0.00242	0.00071	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
31	0.00134	0.00000	0.00142	0.00000	0.00080	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
TOTAL	0.04065	0.04010	0.04499	0.11849	0.04578	0.01308	0.00001	0.0	0.0	0.0	0.0	0.0
YEARLY TOTAL-	0.30308											

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) BOISE, IDAHO
2 FT PARSHALL FLUME - RATED V- SECTION

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1973

RUNOFF IN CFS (AVERAGE FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.339	0.376	0.560	0.496	0.657	0.325	0.200	0.109	0.145	0.000	0.000	0.000
2	0.314	0.370	0.565	0.462	0.646	0.324	0.189	0.108	0.145	0.000	0.000	0.000
3	0.290	0.356	0.547	0.463	0.643	0.323	0.177	0.120	0.151	0.000	0.000	0.000
4	0.290	0.360	0.503	0.464	0.659	0.318	0.170	0.122	0.148	0.000	0.000	0.000
5	0.283	0.372	0.480	0.528	0.660	0.288	0.166	0.119	0.138	0.000	0.000	0.000
6	0.275	0.365	0.465	0.520	0.641	0.273	0.165	0.119	0.133	0.000	0.000	0.000
7	0.269	0.358	0.426	0.485	0.627	0.264	0.167	0.116	0.155	0.000	0.000	0.000
8	0.266	0.336	0.416	0.478	0.613	0.276	0.160	0.118	0.159	0.000	0.000	0.000
9	0.264	0.352	0.397	0.462	0.581	0.285	0.151	0.122	0.162	0.000	0.000	0.000
10	0.294	0.360	0.491	0.446	0.565	0.282	0.144	0.119	0.162	0.000	0.000	0.000
11	0.300	0.346	0.500	0.445	0.559	0.276	0.139	0.117	0.156	0.000	0.000	0.000
12	0.433	0.342	0.525	0.441	0.540	0.269	0.143	0.115	0.147	0.000	0.000	0.000
13	0.440	0.339	0.458	0.829	0.539	0.269	0.152	0.111	0.141	0.000	0.000	0.000
14	0.415	0.347	0.461	1.075	0.538	0.334	0.153	0.115	0.142	0.000	0.000	0.000
15	0.431	0.339	0.439	0.807	0.510	0.312	0.146	0.116	0.150	0.000	0.000	0.000
16	0.469	0.343	0.416	0.769	0.478	0.304	0.140	0.112	0.153	0.000	0.000	0.000
17	0.461	0.351	0.430	0.846	0.473	0.332	0.136	0.118	0.149	0.000	0.000	0.000
18	0.464	0.345	0.456	0.809	0.469	0.293	0.135	0.123	0.141	0.000	0.000	0.000
19	0.326	0.359	0.404	0.849	0.505	0.283	0.134	0.129	0.146	0.000	0.000	0.000
20	0.294	0.350	0.470	0.806	0.475	0.259	0.138	0.124	0.166	0.000	0.000	0.000
21	0.408	0.352	0.609	0.778	0.461	0.244	0.149	0.122	0.159	0.000	0.000	0.000
22	0.382	0.362	0.626	0.796	0.429	0.233	0.151	0.120	0.162	0.000	0.000	0.000
23	0.370	0.344	0.585	0.779	0.421	0.233	0.141	0.121	0.166	0.000	0.000	0.000
24	0.389	0.343	0.608	0.746	0.461	0.226	0.131	0.126	0.170	0.000	0.000	0.000
25	0.384	0.345	0.653	0.745	0.450	0.210	0.128	0.133	0.170	0.000	0.000	0.000
26	0.381	0.343	0.649	0.730	0.409	0.202	0.121	0.135	0.170	0.000	0.000	0.000
27	0.381	0.349	0.625	0.701	0.387	0.200	0.115	0.132	0.170	0.000	0.000	0.000
28	0.381	0.531	0.600	0.706	0.370	0.192	0.113	0.133	0.170	0.000	0.000	0.000
29	0.378	0.000	0.567	0.697	0.359	0.187	0.108	0.132	0.150	0.000	0.000	0.000
30	0.360	0.000	0.541	0.676	0.337	0.188	0.111	0.130	0.130	0.000	0.000	0.000
31	0.349	0.000	0.524	0.000	0.335	0.000	0.108	0.135	0.000	0.000	0.000	0.000
TOTAL	0.357	0.358	0.515	0.661	0.509	0.266	0.144	0.121	0.153	0.0	0.0	0.0
YEARLY TOTAL-		0.256										

REYNOLDS CREEK EXPERIMENTAL WATERSHED
STATION 33022007 RABBIT CREEK STUDY BASIN (2360 ACRES) 2 FT PARSHALL FLUME - RATED V- SECTION

BOISE, IDAHO

DAILY, MONTHLY, AND YEARLY SUMMARY OF RUNOFF FOR YEAR 1973

RUNOFF IN INCHES (TOTAL FOR PERIOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00342	0.00380	0.00564	0.00500	0.00662	0.00328	0.00201	0.00110	0.00146	0.00000	0.00000	0.00000
2	0.00316	0.00373	0.00570	0.00466	0.00651	0.00326	0.00190	0.00109	0.00146	0.00000	0.00000	0.00000
3	0.00293	0.00359	0.00551	0.00467	0.00649	0.00326	0.00179	0.00121	0.00152	0.00000	0.00000	0.00000
4	0.00293	0.00364	0.00507	0.00468	0.00654	0.00320	0.00171	0.00124	0.00149	0.00000	0.00000	0.00000
5	0.00285	0.00376	0.00484	0.00532	0.00665	0.00290	0.00168	0.00120	0.00139	0.00000	0.00000	0.00000
6	0.00277	0.00368	0.00469	0.00524	0.00646	0.00275	0.00167	0.00120	0.00134	0.00000	0.00000	0.00000
7	0.00272	0.00359	0.00430	0.00490	0.00633	0.00266	0.00168	0.00117	0.00156	0.00000	0.00000	0.00000
8	0.00268	0.00339	0.00419	0.00493	0.00618	0.00278	0.00162	0.00119	0.00160	0.00000	0.00000	0.00000
9	0.00266	0.00355	0.00400	0.00466	0.00586	0.00287	0.00152	0.00123	0.00163	0.00000	0.00000	0.00000
10	0.00297	0.00363	0.00495	0.00449	0.00570	0.00284	0.00146	0.00120	0.00163	0.00000	0.00000	0.00000
11	0.00302	0.00349	0.00504	0.00449	0.00564	0.00278	0.00140	0.00118	0.00157	0.00000	0.00000	0.00000
12	0.00436	0.00345	0.00530	0.00445	0.00545	0.00272	0.00144	0.00116	0.00148	0.00000	0.00000	0.00000
13	0.00444	0.00342	0.00462	0.00836	0.00544	0.00271	0.00153	0.00112	0.00142	0.00000	0.00000	0.00000
14	0.00418	0.00350	0.00465	0.01084	0.00542	0.00337	0.00155	0.00116	0.00143	0.00000	0.00000	0.00000
15	0.00435	0.00342	0.00442	0.00814	0.00514	0.00315	0.00147	0.00117	0.00151	0.00000	0.00000	0.00000
16	0.00473	0.00346	0.00419	0.00775	0.00482	0.00307	0.00142	0.00113	0.00154	0.00000	0.00000	0.00000
17	0.00465	0.00354	0.00433	0.00853	0.00477	0.00334	0.00137	0.00119	0.00150	0.00000	0.00000	0.00000
18	0.00468	0.00348	0.00460	0.00816	0.00473	0.00295	0.00136	0.00124	0.00142	0.00000	0.00000	0.00000
19	0.00329	0.00362	0.00407	0.00856	0.00509	0.00285	0.00135	0.00130	0.00148	0.00000	0.00000	0.00000
20	0.00297	0.00353	0.00474	0.00813	0.00479	0.00261	0.00139	0.00125	0.00167	0.00000	0.00000	0.00000
21	0.00411	0.00355	0.00614	0.00785	0.00465	0.00246	0.00150	0.00123	0.00160	0.00000	0.00000	0.00000
22	0.00385	0.00366	0.00631	0.00803	0.00433	0.00235	0.00152	0.00121	0.00163	0.00000	0.00000	0.00000
23	0.00373	0.00347	0.00590	0.00785	0.00424	0.00235	0.00142	0.00122	0.00163	0.00000	0.00000	0.00000
24	0.00392	0.00345	0.00613	0.00752	0.00465	0.00228	0.00132	0.00127	0.00171	0.00000	0.00000	0.00000
25	0.00388	0.00348	0.00659	0.00751	0.00454	0.00212	0.00129	0.00134	0.00171	0.00000	0.00000	0.00000
26	0.00384	0.00346	0.00654	0.00736	0.00412	0.00204	0.00122	0.00136	0.00171	0.00000	0.00000	0.00000
27	0.00384	0.00352	0.00630	0.00707	0.00390	0.00202	0.00116	0.00133	0.00171	0.00000	0.00000	0.00000
28	0.00384	0.00536	0.00605	0.00712	0.00373	0.00194	0.00114	0.00134	0.00171	0.00000	0.00000	0.00000
29	0.00382	0.00000	0.00572	0.00703	0.00362	0.00188	0.00109	0.00133	0.00151	0.00000	0.00000	0.00000
30	0.00363	0.00000	0.00546	0.00682	0.00340	0.00190	0.00112	0.00131	0.00131	0.00000	0.00000	0.00000
31	0.00352	0.00000	0.00528	0.00000	0.00338	0.00000	0.00109	0.00136	0.00000	0.00000	0.00000	0.00000
TOTAL	0.11157	0.10107	0.16114	0.19987	0.15916	0.08055	0.04504	0.03789	0.04625	0.0	0.0	0.0
YEARLY TOTAL-	0.94252											

